

Table H. - Engineering Index Properties

Pershing County, Nevada, West Part

Absence of an entry indicates that the data were not estimated.

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
110: Aboten	0-7	Very Gravelly Silt Loam	GM	A-2 A-4	0	5-25	35-55	30-50	25-50	25-45	15-25	NP-5
	7-15	Loam Clay Loam	CL ML	A-6	0	0-10	80-100	75-90	70-90	50-70	35-40	10-15
	15-27	Cemented	---	---	---	---	---	---	---	---	---	---
	27-60	Extremely Gravelly Sandy Loam Very Gravelly Loamy Sand	GM GP-GM	A-1	0	0-15	25-40	20-35	10-20	5-15	---	NP
Jerval	0-8	Gravelly Very Fine Sandy Loam	SM	A-4	0	0-10	70-85	55-75	50-75	35-50	---	NP
	8-20	Gravelly Silty Clay Loam Gravelly Clay Loam	CL	A-6	0	0-5	65-85	60-75	55-75	50-65	35-40	15-20
	20-60	Very Gravelly Fine Sandy Loam Very Gravelly Sandy Loam	GM	A-1	0	0-10	45-60	35-50	25-45	15-25	---	NP
Bluewing	0-2	Gravelly Sandy Loam	SM	A-1 A-2	0	0-10	60-80	55-75	30-60	20-35	---	NP
	2-60	Stratified Very Gravelly Sand To Extremely Gravelly Loamy Coarse Sand	GP-GM GW-GM	A-1	0	5-25	30-40	25-35	15-25	5-10	---	NP
111: Aboten	0-7	Very Gravelly Silt Loam	GM	A-2 A-4	0	5-25	35-55	30-50	25-50	25-45	15-25	NP-5
	7-15	Clay Loam Loam	CL ML	A-6	0	0-10	80-100	75-90	70-90	50-70	35-40	10-15
	15-27	Cemented	---	---	---	---	---	---	---	---	---	---
	27-60	Very Gravelly Loamy Sand Extremely Gravelly Sandy Loam	GM GP-GM	A-1	0	0-15	25-40	20-35	10-20	5-15	---	NP

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
111:	In				Pct	Pct					Pct	
Dorper	0-2	Extremely Gravelly Very Fine Sandy Loam	GM GP-GM	A-1	0-1	0-15	20-30	15-25	10-25	5-15	15-25	NP-5
	2-7	Gravelly Very Fine Sandy Loam	GM ML	A-4	0	0	65-100	60-100	55-100	35-70	15-25	NP-5
	7-17	Silt Loam Clay Loam	SM CL	A-7	0	0	65-95	60-90	50-80	45-70	40-50	15-25
	17-60	Gravelly Clay Loam Very Gravelly Coarse Sandy Loam Extremely Gravelly Sandy Loam	GC GM GP-GM	A-1	0-1	10-15	15-50	10-45	5-40	5-25	15-25	NP-5
112:												
Aboten	0-7	Very Gravelly Silt Loam	GM	A-2 A-4	0	5-25	35-55	30-50	25-50	25-45	15-25	NP-5
	7-15	Clay Loam	CL	A-6	0	0-10	80-100	75-90	70-90	50-70	35-40	10-15
	15-27	Cemented	---	---	---	---	---	---	---	---	---	---
	27-60	Very Gravelly Loamy Sand Extremely Gravelly Sandy Loam	GM GP-GM	A-1	0	0-15	25-40	20-35	10-20	5-15	---	NP

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
112: Dorper	In											
	0-2	Very Gravelly Very Fine Sandy Loam	GM	A-1 A-2	0-1	0-15	30-55	25-50	25-50	10-30	15-25	NP-5
	2-7	Silt Loam Gravelly Very Fine Sandy Loam	GM ML SM	A-4	0	0	65-100	60-100	55-100	35-70	15-25	NP-5
	7-17	Gravelly Clay Loam Clay Clay Loam	CL GC	A-7	0	0	65-95	60-90	50-80	45-70	40-50	15-25
	17-60	Extremely Gravelly Sandy Loam Very Gravelly Coarse Sandy Loam	GM GP-GM	A-1	0-1	10-15	15-50	10-45	5-40	5-25	15-25	NP-5
Rednik	0-2	Very Gravelly Sandy Loam	GM	A-1	0	0-5	45-55	35-50	25-40	15-25	---	NP
	2-30	Very Gravelly Sandy Clay Loam Extremely Gravelly Loam Very Gravelly Sandy Loam	GC	A-2	0-10	5-30	35-60	30-50	20-35	15-30	25-35	10-15
	30-41	Extremely Gravelly Sandy Loam Very Gravelly Sandy Loam Very Gravelly Fine Sandy Loam	GM	A-1	0-10	5-30	35-60	30-50	15-40	10-25	---	NP
	41-60	Very Gravelly Sand Extremely Gravelly Loamy Sand Extremely Gravelly Loamy Coarse Sand	GM GP GP-GM SP-SM	A-1	0-10	5-30	30-60	25-60	15-30	0-15	---	NP

113:

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
113: Aboten	In											
	0-7	Very Gravelly Silt Loam	GM	A-2 A-4	0	5-25	35-55	30-50	25-50	25-45	15-25	NP-5
	7-15	Clay Loam	CL	A-6	0	0-10	80-100	75-90	70-90	50-70	35-40	10-15
	15-27	Cemented	---	---	---	---	---	---	---	---	---	---
	27-60	Very Gravelly Loamy Sand Extremely Gravelly Sandy Loam	GM GP-GM	A-1	0	0-15	25-40	20-35	10-20	5-15	---	NP
114: Aboten	0-7	Very Gravelly Silt Loam	GM	A-2 A-4	0	5-25	35-55	30-50	25-50	25-45	15-25	NP-5
	7-15	Loam Clay Loam	CL ML	A-6	0	0-10	80-100	75-90	70-90	50-70	35-40	10-15
	15-27	Cemented	---	---	---	---	---	---	---	---	---	---
	27-60	Very Gravelly Loamy Sand Extremely Gravelly Sandy Loam	GM GP-GM	A-1	0	0-15	25-40	20-35	10-20	5-15	---	NP
Bluewing	0-2	Gravelly Sandy Loam	SM	A-1 A-2	0	0-10	60-80	55-75	30-60	20-35	---	NP
	2-60	Stratified Very Gravelly Sand To Extremely Gravelly Loamy Coarse Sand	GP-GM GW-GM	A-1	0	5-25	30-40	25-35	15-25	5-10	---	NP
120:												

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
120: Appian	In											
	0-5	Loamy Coarse Sand	SM	A-1	0	0	85-100	75-100	30-55	15-30	---	NP
	5-15	Sandy Clay Loam	CL	A-2	0	0	95-100	90-100	75-90	40-60	35-45	15-20
	15-28	Clay Loam	SC	A-6	0	0	95-100	90-100	75-90	40-60	35-45	15-20
	15-28	Stratified Sand To Sandy Loam	SM	A-7	0	0	75-100	75-90	50-65	10-25	---	NP
	28-53	Coarse Sand	SP	A-2	0	0	75-100	75-90	50-65	10-25	---	NP
Genegraf	53-60	Sand	SP-SM	A-1	0	0	85-100	75-90	30-50	0-10	---	NP
	53-60	Silt Loam	SW-SM	A-1	0	0	85-100	75-90	30-50	0-10	---	NP
	53-60	Silt Loam	CL	A-4	0	0	100	100	95-100	85-95	20-35	5-10
	53-60	Silt Loam	CL-ML	A-4	0	0	100	100	95-100	85-95	20-35	5-10
	53-60	Silt Loam	ML	A-4	0	0	100	100	95-100	85-95	20-35	5-10
	53-60	Silt Loam	ML	A-4	0	0	100	100	95-100	85-95	20-35	5-10
Isolde	0-6	Very Gravelly Very Fine Sandy Loam	GM	A-1	0	0-10	30-50	25-45	25-45	15-30	15-25	NP-5
	6-18	Gravelly Clay Loam	SC	A-2	0	0-10	30-50	25-45	25-45	15-30	15-25	NP-5
	6-18	Sandy Clay Loam	SC	A-6	0	0-5	70-90	60-85	50-70	35-50	30-40	10-20
Playas	18-60	Clay Loam	GM	A-6	0	0-5	70-90	60-85	50-70	35-50	30-40	10-20
	18-60	Very Gravelly Loamy Sand	GP-GM	A-1	0	5-15	40-50	30-40	20-30	5-15	---	NP
	18-60	Very Gravelly Loamy Sand	GP-GM	A-1	0	5-15	40-50	30-40	20-30	5-15	---	NP
Isolde	0-4	Fine Sand	SP	A-3	0	0	100	100	75-90	0-10	---	NP
	4-60	Sand	SP-SM	A-3	0	0	100	100	75-90	0-10	---	NP
	4-60	Fine Sand	SW-SM	A-3	0	0	100	100	50-80	0-10	---	NP
Playas	---	---	SP	A-3	0	0	100	100	50-80	0-10	---	NP
	---	---	SP-SM	A-3	0	0	100	100	50-80	0-10	---	NP
	---	---	SW-SM	A-3	0	0	100	100	50-80	0-10	---	NP
130:	---	---	---	---	---	---	---	---	---	---	---	---
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Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
130: Boomstick	In											
	0-5	Very Channery Silt Loam	GC	A-2	0-5	0-10	45-65	35-55	30-55	25-50	25-30	5-10
	5-16	Extremely Channery Clay Loam	GC-GM	A-4	0-5	25-40	35-65	25-55	20-45	15-40	35-40	10-15
	16-20	Very Channery Clay Loam Extremely Channery Loam Unweathered Bedrock	GC GM	A-2 A-6	---	---	---	---	---	---	---	---
Majuba	0-6	Very Channery Loam	GM	A-1 A-2 A-4	0-5	15-30	40-65	35-60	25-50	20-40	20-25	NP-5
	6-23	Very Channery Clay Loam Very Channery Loam	GC	A-2 A-6	0	15-25	45-60	40-50	35-50	25-40	30-35	10-15
	23-35	Very Channery Loam Extremely Channery Loam	GM	A-1 A-2	0	15-30	30-50	25-40	20-35	15-30	20-25	NP-5
	35-39	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Sojur	0-4	Extremely Channery Silt Loam	GC	A-2	0	15-30	40-50	20-30	15-25	10-20	25-30	5-10
	4-8	Unweathered Bedrock	GC-GM	---	---	---	---	---	---	---	---	---
131: Boomstick	0-5	Very Channery Silt Loam	GC	A-2	0-5	0-10	45-65	35-55	30-55	25-50	25-30	5-10
	5-16	Extremely Channery Clay Loam	GC-GM	A-4	0-5	25-40	35-65	25-55	20-45	15-40	35-40	10-15
	16-20	Very Channery Clay Loam Extremely Channery Loam Unweathered Bedrock	GC GM	A-2 A-6	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
131: Majuba	In											
	0-6	Very Channery Loam	GM	A-1 A-2 A-4	0-5	15-30	40-65	35-60	25-50	20-40	20-25	NP-5
	6-23	Very Channery Loam Very Channery Clay Loam	GC	A-2 A-6	0	15-25	45-60	40-50	35-50	25-40	30-35	10-15
	23-35	Very Channery Loam Extremely Channery Loam	GM	A-1 A-2	0	15-30	30-50	25-40	20-35	15-30	20-25	NP-5
	35-39	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Phliss	0-3	Extremely Channery Loam	GC GC-GM	A-2	0-2	30-45	30-45	20-35	15-35	15-30	25-30	5-10
	3-13	Extremely Channery Clay Loam	GC	A-2	0-1	10-15	30-35	20-35	15-30	10-25	30-35	10-15
	13-23	Very Channery Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
132: Boomstick	0-5	Very Channery Silt Loam	GC GC-GM	A-2 A-4	0-5	0-10	45-65	35-55	30-55	25-50	25-30	5-10
	5-16	Extremely Channery Loam Extremely Channery Clay Loam	GC GM	A-2 A-6	0-5	25-40	35-65	25-55	20-45	15-40	35-40	10-15
	16-20	Very Channery Clay Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Majuba	0-6	Very Channery Loam	GM	A-1 A-2 A-4	0-5	15-30	40-65	35-60	25-50	20-40	20-25	NP-5
	6-23	Very Channery Clay Loam Very Channery Loam	GC	A-2 A-6	0	15-25	45-60	40-50	35-50	25-40	30-35	10-15
	23-35	Extremely Channery Loam Very Channery Loam	GM	A-1 A-2	0	15-30	30-50	25-40	20-35	15-30	20-25	NP-5
	35-39	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Distribution Generation Date: 7/15/02

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
132:	In											
139: Arclay	0-5	Very Gravelly Coarse Sandy Loam	GM SM	A-1	0	0-10	50-65	35-50	15-30	10-20	---	NP
	5-16	Gravelly Sandy Clay Loam Gravelly Clay Loam Gravelly Loam	SC SM	A-2 A-6	0	0-5	70-90	55-75	35-55	20-40	35-40	10-15
	16-42	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	42-46	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
141: Arclay	0-5	Very Gravelly Coarse Sandy Loam	GM SM	A-1	0	0-10	50-65	35-50	15-30	10-20	---	NP
	5-16	Gravelly Clay Loam Gravelly Sandy Clay Loam Gravelly Loam	SC SM	A-2 A-6	0	0-5	70-90	55-75	35-55	20-40	35-40	10-15
	16-42	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	42-46	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Acrelane	0-6	Very Gravelly Coarse Sandy Loam	SM	A-1	0	0-5	60-80	30-45	15-30	10-20	---	NP
	6-15	Very Gravelly Sandy Clay Loam Very Gravelly Coarse Sandy Loam Very Gravelly Sandy Loam	SC SC-SM	A-2	0	0-10	60-80	30-50	25-40	15-30	20-30	5-15
	15-60	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
141: Soar	In											
	0-3	Very Gravelly Coarse Sandy Loam	SC-SM SM SP-SC SP-SM	A-1 A-2	0-2	0-10	90-95	35-50	15-35	5-20	20-30	NP-10
	3-6	Very Gravelly Sandy Clay Loam	SC	A-2	0-2	0-10	90-95	25-50	15-40	10-25	30-35	10-15
	6-28 28-38	Very Gravelly Loam Weathered Bedrock Unweathered Bedrock	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---	--- ---
142: Arclay	0-5	Very Gravelly Coarse Sandy Loam	GM SM	A-1	0	0-10	50-65	35-50	15-30	10-20	---	NP
	5-16	Gravelly Sandy Clay Loam Gravelly Loam Gravelly Clay Loam	SC SM	A-2 A-6	0	0-5	70-90	55-75	35-55	20-40	35-40	10-15
	16-42	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	42-46	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Slocave	0-1	Very Gravelly Coarse Sandy Loam	SM	A-1	0-2	0-10	70-85	30-50	15-30	10-20	15-20	NP-5
	1-7	Very Gravelly Coarse Sandy Loam	SM	A-1	0	0	75-90	25-50	15-35	10-25	15-25	NP-5
	7-27	Very Gravelly Sandy Loam Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	27-37	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Vium	0-3	Very Gravelly Coarse Sandy Loam	SM	A-1	0	0-10	70-85	30-50	15-30	10-20	---	NP
	3-8	Very Gravelly Coarse Sandy Loam	SM	A-1	0	0	60-90	25-45	15-30	10-25	20-25	NP-5
	8-12	Very Gravelly Sandy Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
142:	In											
143: Ninemile	0-5	Very Gravelly Coarse Sandy Loam	SM SP-SM	A-1	0	0-10	85-95	25-50	10-35	5-20	---	NP
	5-16	Gravelly Clay Clay	CH CL SC	A-7	0	0-5	95-100	65-100	55-95	40-80	45-65	20-35
	16-20	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
145: Ninemile	0-5	Very Gravelly Sandy Loam	SM	A-1 A-2	0	0-10	85-95	25-50	20-45	10-30	---	NP
	5-16	Clay Gravelly Clay	CH CL SC	A-7	0	0-5	95-100	65-100	55-95	40-80	45-65	20-35
	16-20	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Shively	0-6	Loam	ML	A-4	0	0	95-100	90-100	70-100	50-70	15-25	NP-5
	6-35	Sandy Loam Loam	ML SM	A-2 A-4	0	0-5	95-100	85-90	60-80	30-60	15-25	NP-5
	35-60	Sandy Loam	SM	A-2 A-4	0	0-5	95-100	85-90	60-80	25-50	15-25	NP-5
Rock Outcrop	---				---	---	---	---	---	---	---	---
150:												

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
150: Boton	In											
	0-10	Silt Loam	ML	A-4	0	0	100	100	95-100	75-95	25-35	NP-5
	10-27	Silt Loam	CL	A-4	0	0	100	100	95-100	80-95	30-40	5-15
	27-60	Silt Loam	ML	A-6								
			CL	A-4	0	0	100	100	95-100	80-95	30-40	5-15
			ML	A-6								
Playas	0-6	Silty Clay Loam	ML	A-6	0	0	100	100	100	90-100	35-50	10-20
	6-60	Silty Clay	CH	A-7	0	0	100	100	100	90-100	45-75	20-40
		Silty Clay Loam	CL									
			MH									
152: Benin	0-1	Silty Clay Loam	CL	A-7	0	0	100	100	95-100	85-95	40-50	15-20
	1-60	Silty Clay	ML									
		Clay	CH	A-7	0	0	100	100	90-100	85-95	45-55	20-25
			CL									
			MH									
Benin	0-1	Silty Clay Loam	CL	A-6	0	0	100	100	90-100	85-95	35-45	10-20
	1-60	Silty Clay	ML	A-7								
		Clay	CH	A-7	0	0	100	100	95-100	85-95	45-55	20-25
			CL									
			MH									
Playas	---				---	---	---	---	---	---	---	---
160:												

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
160: Badland	In											
	0-2	Variable	CH CL GC MH	A-6 A-7	0-5	0-10	65-100	50-100	40-100	35-100	20-75	10-35
	2-60	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
161: Dune Land	0-6	Fine Sand	SM SP	A-2 A-3	0	0	100	100	60-80	0-25	0-14	NP
	6-60	Fine Sand Sand	SP-SM SM SP SP-SM	A-2 A-3	0	0	100	100	50-80	0-25	0-14	NP
Playas	0-6	Silty Clay Loam	ML	A-6 A-7	0	0	100	100	100	90-100	35-50	10-20
	6-60	Clay Silty Clay Silty Clay Loam	CH CL MH	A-7	0	0	100	100	100	90-100	45-75	20-40
163: Dune Land	0-6	Fine Sand	SM SP	A-2 A-3	0	0	100	100	60-80	0-25	0-14	NP
	6-60	Fine Sand Sand	SP-SM SM SP SP-SM	A-2 A-3	0	0	100	100	50-80	0-25	0-14	NP
171:												

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
171: Bluewing	0-2	Gravelly Sandy Loam	SM	A-1	0	0-10	60-80	55-75	30-60	20-35	---	NP
	2-60	Stratified Very Gravelly Sand To Extremely Gravelly Loamy Coarse Sand	GP-GM GW-GM	A-2 A-1	0	5-25	30-40	25-35	15-25	5-10	---	NP
Toulon	0-6	Very Gravelly Loam	GM	A-1	0	0-10	55-70	40-50	30-45	20-35	---	NP
	6-14	Very Gravelly Coarse Sandy Loam	GM	A-2 A-1	0	0-5	40-60	25-40	15-35	10-30	---	NP
	14-60	Very Gravelly Loam Very Gravelly Sandy Loam Stratified Gravelly Coarse Sand To Extremely Cobbly Coarse Sand	GP GP-GM	A-2 A-1	0-5	25-50	40-50	25-40	5-20	0-10	---	NP
Rock Outcrop	---				---	---	---	---	---	---	---	---
172: Bluewing	0-2	Gravelly Sandy Loam	SM	A-1	0	0-10	60-80	55-75	30-60	20-35	---	NP
	2-60	Stratified Very Gravelly Sand To Extremely Gravelly Loamy Coarse Sand	GP-GM GW-GM	A-2 A-1	0	5-25	30-40	25-35	15-25	5-10	---	NP
173: Bluewing	0-2	Very Gravelly Loamy Sand	SP-SM	A-1	0	10-25	70-85	35-45	15-30	5-10	---	NP
	2-60	Stratified Very Gravelly Sand To Extremely Gravelly Loamy Coarse Sand	GP GP-GM	A-1	0-5	0-25	40-50	20-35	10-15	0-10	---	NP

180:

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
180: Biga	0-6	Gravelly Coarse Sandy	SM	A-1 A-2	0	0-5	85-100	55-75	25-45	15-35	---	NP
	6-12	Clay Sandy Clay Clay Loam	CL SC	A-7	0	0	95-100	75-100	65-85	45-65	40-50	15-25
	12-60	Stratified Sandy Loam To Gravelly Loamy Coarse	SM	A-1 A-2	0	0-5	80-100	60-90	20-40	15-30	---	NP
Granshaw	0-13	Gravelly Coarse Sandy	SM	A-1 A-2	0	0	90-100	55-75	30-50	20-35	---	NP
	13-23	Sandy Loam Coarse Sandy Loam	SM	A-2 A-4	0	0	95-100	75-100	45-65	25-45	20-25	NP-5
	23-60	Stratified Coarse Sandy Loam To Very Gravelly Coarse Sand	SM SP-SM	A-1 A-2	0	0	85-100	50-90	25-50	5-30	---	NP
Labkey	0-4	Gravelly Sandy Loam	SM	A-1 A-2	0	0	80-100	55-75	35-55	20-35	---	NP
	4-12	Gravelly Sandy Loam Gravelly Coarse Sandy	SM	A-1 A-2	0	0	80-100	50-70	25-45	15-30	---	NP
	12-60	Stratified Gravelly Sandy Loam To Extremely Gravelly Coarse Sand	SM SP-SM	A-1	0	0	60-80	25-45	10-25	5-15	---	NP
181: Biga	0-6	Gravelly Coarse Sandy	SM	A-1 A-2	0	0-5	85-100	55-75	25-45	15-35	---	NP
	6-12	Sandy Clay Clay Clay Loam	CL SC	A-7	0	0	95-100	75-100	65-85	45-65	40-50	15-25
	12-60	Stratified Sandy Loam To Gravelly Loamy Coarse	SM	A-1 A-2	0	0-5	80-100	60-90	20-40	15-30	---	NP

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
182: Biga	In											
	0-6	Gravelly Loam	SM	A-2 A-4	0	0-5	85-100	55-75	35-50	30-45	20-25	NP-5
	6-12	Clay Loam Clay Sandy Clay	CL SC	A-7	0	0	95-100	75-100	65-85	45-65	40-50	15-25
	12-60	Stratified Sandy Loam To Gravelly Loamy Coarse	SM	A-1 A-2	0	0-5	80-100	60-90	20-40	15-30	---	NP
190: Cresal	0-7	Silt Loam	ML	A-4	0	0	100	95-100	90-100	65-85	15-20	NP-5
	7-27	Stratified Very Fine Sandy Loam To Silt Loam	ML	A-4	0	0	100	100	95-100	75-90	20-25	NP-5
	27-60	Stratified Loamy Very Fine Sand To Silt Loam	ML	A-4	0	0	100	95-100	95-100	75-90	20-25	NP-5
201: Dorper	0-2	Extremely Gravelly Very Fine Sandy Loam	GM GP-GM	A-1	0-1	0-15	20-30	15-25	10-25	5-15	15-25	NP-5
	2-7	Silt Loam Gravelly Very Fine Sandy Loam	GM ML SM	A-4	0	0	65-100	60-100	55-100	35-70	15-25	NP-5
	7-17	Gravelly Clay Loam Clay Loam Clay	CL GC	A-7	0	0	65-95	60-90	50-80	45-70	40-50	15-25
	17-60	Very Gravelly Coarse Sandy Loam Extremely Gravelly Sandy Loam	GM GP-GM	A-1	0-1	10-15	15-50	10-45	5-40	5-25	15-25	NP-5

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
201: Envol	0-3	Very Gravelly Loam	GC GC-GM SC SC-SM	A-2	0-1	0-10	55-70	40-50	30-45	20-35	25-35	5-15
	3-10	Gravelly Clay Clay	CL SC	A-7	0	0-5	70-100	55-85	50-80	40-70	40-50	15-25
	10-20	Gravelly Clay Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
203: Dorper	0-2	Extremely Gravelly Very Fine Sandy Loam	GM GP-GM	A-1	0-1	0-15	20-30	15-25	10-25	5-15	15-25	NP-5
	2-7	Silt Loam Gravelly Very Fine Sandy Loam	GM ML SM	A-4	0	0	65-100	60-100	55-100	35-70	15-25	NP-5
	7-17	Clay Gravelly Clay Loam Clay Loam	CL GC	A-7	0	0	65-95	60-90	50-80	45-70	40-50	15-25
	17-60	Very Gravelly Coarse Sandy Loam Extremely Gravelly Sandy Loam	GM GP-GM	A-1	0-1	10-15	15-50	10-45	5-40	5-25	15-25	NP-5
204:												

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
204: Dorper	In											
	0-2	Stony Very Fine Sandy	GM	A-2	1-5	5-10	50-65	45-60	40-60	25-35	15-25	NP-5
	2-7	Silt Loam	GM	A-4	0	0	65-100	60-100	55-100	35-70	15-25	NP-5
		Gravelly Very Fine Sandy Loam	ML SM									
	7-17	Clay Loam	CL	A-7	0	0	65-95	60-90	50-80	45-70	40-50	15-25
Jerval		Clay	GC									
		Gravelly Clay Loam										
	17-60	Very Gravelly Coarse Sandy Loam	GM GP-GM	A-1	0-5	10-15	15-50	10-45	5-40	5-25	15-25	NP-5
		Extremely Gravelly Sandy Loam										
Dorper	0-8	Gravelly Very Fine Sandy Loam	SM	A-4	0	0-10	70-85	55-75	50-75	35-50	---	NP
	8-20	Gravelly Clay Loam	CL	A-6	0	0-5	65-85	60-75	55-75	50-65	35-40	15-20
		Gravelly Silty Clay Loam										
	20-60	Very Gravelly Fine Sandy Loam	GM	A-1	0	0-10	45-60	35-50	25-45	15-25	---	NP
		Very Gravelly Sandy Loam										
206:	0-2	Extremely Gravelly Very Fine Sandy Loam	GM GP-GM	A-1	0-1	0-15	20-30	15-25	10-25	5-15	15-25	NP-5
	2-7	Silt Loam	GM	A-4	0	0	65-100	60-100	55-100	35-70	15-25	NP-5
		Gravelly Very Fine Sandy Loam	ML SM									
	7-17	Clay	CL	A-7	0	0	65-95	60-90	50-80	45-70	40-50	15-25
		Gravelly Clay Loam	GC									
		Clay Loam										
	17-60	Extremely Gravelly Sandy Loam	GM GP-GM	A-1	0-1	10-15	15-50	10-45	5-40	5-25	15-25	NP-5
		Very Gravelly Coarse Sandy Loam										

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
206: Dorper	In											
	0-2	Very Gravelly Sandy Loam	GM	A-1	0-1	0-10	50-65	35-50	25-40	20-30	15-25	NP-5
	2-7	Silt Loam	GM	A-2	0	0	65-100	60-100	55-100	35-70	15-25	NP-5
		Gravelly Very Fine Sandy Loam	ML	A-4								
			SM									
	7-17	Clay Loam	CL	A-7	0	0	65-95	60-90	50-80	45-70	40-50	15-25
		Clay	GC									
		Gravelly Clay Loam										
	17-60	Extremely Gravelly Sandy Loam	GM	A-1	0-1	10-15	15-50	10-45	5-40	5-25	15-25	NP-5
		Very Gravelly Coarse Sandy Loam	GP-GM									
210: Dorper	0-2	Stony Very Fine Sandy	GM	A-2	1-5	5-10	50-65	45-60	40-60	25-35	15-25	NP-5
	2-7	Silt Loam	GM	A-4	0	0	65-100	60-100	55-100	35-70	15-25	NP-5
		Gravelly Very Fine Sandy Loam	ML									
			SM									
	7-17	Clay	CL	A-7	0	0	65-95	60-90	50-80	45-70	40-50	15-25
		Gravelly Clay Loam	GC									
		Clay Loam										
	17-60	Extremely Gravelly Sandy Loam	GM	A-1	0-5	10-15	15-50	10-45	5-40	5-25	15-25	NP-5
		Very Gravelly Coarse Sandy Loam	GP-GM									
Aboten	0-7	Very Gravelly Silt Loam	GM	A-2	0	5-25	35-55	30-50	25-50	25-45	15-25	NP-5
				A-4								
	7-15	Loam	CL	A-6	0	0-10	80-100	75-90	70-90	50-70	35-40	10-15
		Clay Loam	ML									
	15-27	Cemented	---	---	---	---	---	---	---	---	---	---
	27-60	Extremely Gravelly Sandy Loam	GM	A-1	0	0-15	25-40	20-35	10-20	5-15	---	NP
		Very Gravelly Loamy Sand	GP-GM									

Distribution Generation Date: 7/15/02

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
210:												
Kumiva	0-5	Silt Loam	ML	A-4	0	0	100	95-100	80-95	65-80	20-25	NP-5
	5-56	Stratified Sandy Loam To Silt Loam	ML SM	A-4	0	0-5	90-100	85-100	65-85	40-65	0-14	NP
	56-60	Loamy Sand	SM	A-2 A-4	0	0-5	90-100	85-100	50-70	30-50	0-14	NP
220:												
Cleavage	0-7	Extremely Gravelly Loam	GC GC-GM	A-2	0	0-10	35-45	15-25	10-25	10-20	25-30	5-10
	7-15	Very Gravelly Loam Extremely Gravelly Clay Loam	GC	A-2	0-5	0-45	40-55	30-45	25-45	20-35	30-45	10-20
	15-19	Very Cobbly Clay Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Majuba	0-6	Very Channery Loam	GM	A-1 A-2 A-4	0-5	15-30	40-65	35-60	25-50	20-40	20-25	NP-5
	6-23	Very Channery Clay Loam Very Channery Loam	GC	A-2 A-6	0	15-25	45-60	40-50	35-50	25-40	30-35	10-15
	23-35	Extremely Channery Loam Very Channery Loam	GM	A-1 A-2	0	15-30	30-50	25-40	20-35	15-30	20-25	NP-5
	35-39	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Phliss	0-3	Very Channery Loam	GC GC-GM	A-2	0-2	0-10	40-60	30-50	25-50	20-35	25-30	5-10
	3-13	Very Channery Loam Extremely Channery Clay Loam	GC	A-2	0-1	10-15	30-35	20-35	15-30	10-25	30-35	10-15
	13-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
221:												

Distribution Generation Date: 7/15/02

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
221: Cleavage	In											
	0-7	Very Gravelly Loam	GC GC-GM	A-2 A-4 A-6	0	0-10	50-70	30-50	25-45	20-40	25-35	5-15
	7-15	Very Gravelly Loam Extremely Gravelly Clay Loam	GC	A-2	0-5	0-45	40-55	30-45	25-45	20-35	30-45	10-20
	15-19	Very Cobbly Clay Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Burnborough	0-8	Very Gravelly Loam	SC SC-SM	A-2	0	5-10	65-75	40-55	30-45	25-35	20-35	5-15
	8-60	Very Gravelly Clay Loam Very Gravelly Loam	GC SC	A-2	0-5	15-25	55-65	35-60	20-35	15-30	25-40	10-20
230: Coldent	0-9	Gravelly Fine Sand	SM SP-SM	A-1 A-2 A-3	0	0	65-90	50-75	45-65	5-20	---	NP
	9-19	Stratified Loamy Sand To Fine Sandy Loam	SM	A-2 A-4	0	0	85-100	75-90	55-80	20-40	---	NP
	19-31	Stratified Gravelly Loamy Sand To Gravelly Fine Sandy Loam	SM	A-1 A-2	0	0	60-85	50-75	40-65	15-35	---	NP
	31-60	Stratified Very Gravelly Loamy Sand To Very Gravelly Coarse Sand	GM GP-GM SM SP-SM	A-1	0	0	40-65	25-50	15-30	5-15	---	NP

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
230: Isolde	0-4	Fine Sand	SP SP-SM SW-SM	A-3	0	0	100	100	75-90	0-10	---	NP
	4-60	Fine Sand Sand	SP SP-SM SW-SM	A-3	0	0	100	100	50-80	0-10	---	NP
Swingler	0-9	Silt Loam	CL CL-ML ML	A-4	0	0	100	100	95-100	80-95	25-35	5-10
	9-60	Very Fine Sandy Loam Silt Loam	CL CL-ML	A-4 A-6	0	0	100	100	95-100	75-80	25-35	5-15
Playas	---				---	---	---	---	---	---	---	---
231: Coldent	0-9	Gravelly Fine Sand	SM SP-SM	A-1 A-2 A-3	0	0	65-90	50-75	45-65	5-20	---	NP
	9-19	Stratified Loamy Sand To Fine Sandy Loam	SM	A-2 A-4	0	0	85-100	75-90	55-80	20-40	---	NP
	19-31	Stratified Gravelly Loamy Sand To Gravelly Fine Sandy Loam	SM	A-1 A-2	0	0	60-85	50-75	40-65	15-35	---	NP
	31-60	Stratified Very Gravelly Loamy Sand To Very Gravelly Coarse Sand	GM GP-GM SM SP-SM	A-1	0	0	40-65	25-50	15-30	5-15	---	NP
Hawsley	0-5	Fine Sand	SM	A-2	0	0	100	100	75-95	15-30	---	NP
	5-60	Stratified Fine Sand To Coarse Sand	SM SP-SM	A-2 A-3	0	0	85-100	75-100	55-70	5-25	---	NP

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
231:												
Mazuma	0-6	Silt Loam	ML	A-4	0	0	100	100	90-100	70-80	20-25	NP-5
	6-22	Sandy Loam	SM	A-2	0	0	100	100	90-100	30-50	20-25	NP-5
		Fine Sandy Loam		A-4								
	22-60	Stratified Silt Loam To Gravelly Coarse Sand	ML SM	A-2 A-4	0	0	75-100	70-85	50-75	25-55	20-25	NP-5
Playas	---				---	---	---	---	---	---	---	---
245:												
Dedmount	0-2	Loam	CL CL-ML	A-4	0	0	100	100	90-100	65-80	25-30	5-10
	2-66	Silty Clay Silty Clay Loam	MH ML	A-7	0	0	100	100	95-100	90-100	40-55	15-25
Umerland	0-48	Silty Clay Loam	CL ML	A-7	0	0	100	100	90-100	85-95	40-50	15-20
	48-60	Silty Clay Loam Silty Clay Clay	CH CL	A-7	0	0	100	100	95-100	85-95	40-55	20-30
Umerland	0-48	Silty Clay Loam	CL	A-7	0	0	100	100	95-100	85-100	40-50	20-25
	48-60	Silty Clay Loam Silty Clay	CH CL	A-7	0	0	100	100	95-100	85-100	40-55	25-30
Umerland	---				---	---	---	---	---	---	---	---
Playas	---				---	---	---	---	---	---	---	---
250:												

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticit y Index
			Unified	AASHTO	>10	3-10	4	10	40	200		
					Inches	Inches						
250: Devada	In										Pct	
	0-6	Very Cobbly Loam	GC GC-GM SC SC-SM	A-2 A-4 A-6	0-5	30-65	55-75	50-70	40-50	30-45	25-35	5-15
	6-16	Clay Gravelly Clay	CH GC	A-7	0	0-5	65-100	55-100	50-90	35-70	50-65	25-35
	16-20	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
300: Envol	0-3	Gravelly Loam	CL CL-ML SC SC-SM	A-2 A-4 A-6	0-1	0-10	70-95	55-75	45-70	30-55	25-35	5-15
	3-10	Gravelly Clay Loam Gravelly Clay Clay	CL SC	A-7	0	0-5	70-100	55-85	50-80	40-70	40-50	15-25
	10-20	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Frines	0-3	Gravelly Loam	GC GC-GM SC SC-SM	A-4 A-6	0	0-10	60-80	55-75	45-65	35-50	25-35	5-15
	3-13	Gravelly Clay Loam Clay	CL GC	A-7	0	0-5	65-95	60-90	55-80	45-75	40-50	15-25
	13-24	Gravelly Sandy Loam Very Gravelly Sandy Loam	GM SM	A-1 A-2	0	0-5	40-75	35-70	25-60	10-35	---	NP
	24-47	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	47-51	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---

Distribution Generation Date: 7/15/02

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticit y Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
300:	In										Pct	
302: Envol	0-3	Gravelly Loam	CL CL-ML SC SC-SM	A-2 A-4 A-6	0-1	0-10	70-95	55-75	45-70	30-55	25-35	5-15
	3-10	Gravelly Clay Loam Gravelly Clay Clay	CL SC	A-7	0	0-5	70-100	55-85	50-80	40-70	40-50	15-25
	10-20	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
310: Eaglerock	0-5	Gravelly Coarse Sandy	SM	A-1 A-2	5-10	5-10	80-90	55-75	25-45	15-30	---	NP
	5-31	Very Gravelly Sandy Loam Very Gravelly Sandy Clay Loam Very Gravelly Loam	GC-GM SC SC-SM	A-2	0	0-10	55-70	35-50	25-40	15-30	25-30	5-10
	31-60	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
401: Genegraf	0-6	Very Gravelly Very Fine Sandy Loam	GM	A-1 A-2	0	0-10	30-50	25-45	25-45	15-30	15-25	NP-5
	6-18	Sandy Clay Loam Clay Loam Gravelly Clay Loam	SC	A-6	0	0-5	70-90	60-85	50-70	35-50	30-40	10-20
	18-60	Very Gravelly Loamy Sand	GM GP-GM	A-1	0	5-15	40-50	30-40	20-30	5-15	---	NP

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
401: Dorper	In											
	0-2	Very Gravelly Very Fine Sandy Loam	GM	A-1 A-2	0-1	0-15	30-55	25-50	25-50	10-30	15-25	NP-5
	2-7	Silt Loam Gravelly Very Fine Sandy Loam	GM ML SM	A-4	0	0	65-100	60-100	55-100	35-70	15-25	NP-5
	7-17	Clay Loam Clay Gravelly Clay Loam	CL GC	A-7	0	0	65-95	60-90	50-80	45-70	40-50	15-25
	17-60	Extremely Gravelly Sandy Loam Very Gravelly Coarse Sandy Loam	GM GP-GM	A-1	0-1	10-15	15-50	10-45	5-40	5-25	15-25	NP-5
Bluewing	0-2	Very Gravelly Sandy Loam	GM	A-1	0	0-10	40-60	30-50	20-40	15-25	---	NP
	2-60	Stratified Very Gravelly Sand To Extremely Gravelly Loamy Coarse Sand	GP-GM GW-GM	A-1	0	5-25	30-40	25-35	15-25	5-10	---	NP
402: Genegraf	0-5	Very Gravelly Very Fine Sandy Loam	GM	A-1 A-2	0	0-10	30-50	25-45	25-45	15-30	15-25	NP-5
	5-12	Clay Loam Gravelly Clay Loam Sandy Clay Loam	SC	A-6	0	0-5	70-90	60-85	50-70	35-50	30-40	10-20
	12-21	Gravelly Fine Sandy Loam Very Gravelly Fine Sandy Loam	GM SM	A-1	0	0-10	45-70	35-60	25-50	10-25	15-25	NP-5
	21-60	Very Gravelly Sandy Loam Very Gravelly Loamy Sand	GM GP-GM	A-1	0	5-15	40-50	30-40	20-30	5-15	---	NP

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
402: Bluewing	0-2	Gravelly Sandy Loam	SM	A-1	0	0-10	60-80	55-75	30-60	20-35	---	NP
	2-60	Stratified Very Gravelly Sand To Extremely Gravelly Loamy Coarse Sand	GP-GM GW-GM	A-2 A-1	0	5-25	30-40	25-35	15-25	5-10	---	NP
Dorper	0-2	Extremely Gravelly Very Fine Sandy Loam	GM GP-GM	A-1	0-1	0-15	20-30	15-25	10-25	5-15	15-25	NP-5
	2-7	Gravelly Very Fine Sandy Loam	GM ML	A-4	0	0	65-100	60-100	55-100	35-70	15-25	NP-5
	7-17	Silt Loam Clay Loam Clay	SM CL GC	A-7	0	0	65-95	60-90	50-80	45-70	40-50	15-25
	17-60	Gravelly Clay Loam Very Gravelly Coarse Sandy Loam Extremely Gravelly Sandy Loam	GM GP-GM	A-1	0-1	10-15	15-50	10-45	5-40	5-25	15-25	NP-5
404: Genegraf	0-6	Very Gravelly Very Fine Sandy Loam	GM	A-1 A-2	0	0-10	30-50	25-45	25-45	15-30	15-25	NP-5
	6-18	Gravelly Clay Loam Sandy Clay Loam Clay Loam	SC	A-6	0	0-5	70-90	60-85	50-70	35-50	30-40	10-20
	18-60	Very Gravelly Loamy Sand	GM GP-GM	A-1	0	5-15	40-50	30-40	20-30	5-15	---	NP

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
404: Toulon	In											
	0-6	Very Gravelly Loam	GM SM	A-1 A-2	0	0-10	55-70	40-50	30-45	20-35	---	NP
	6-14	Very Gravelly Coarse Sandy Loam	GM	A-1 A-2	0	0-5	40-60	25-40	15-35	10-30	---	NP
	14-60	Very Gravelly Loam Very Gravelly Sandy Loam Stratified Gravelly Coarse Sand To Extremely Cobbly Coarse Sand	GP GP-GM	A-1	0-5	25-50	40-50	25-40	5-20	0-10	---	NP
410: Granshaw	0-13	Gravelly Coarse Sandy	SM	A-1 A-2	0	0	90-100	55-75	30-50	20-35	---	NP
	13-23	Sandy Loam Coarse Sandy Loam	SM	A-2 A-4	0	0	95-100	75-100	45-65	25-45	20-25	NP-5
	23-60	Stratified Coarse Sandy Loam To Very Gravelly Coarse Sand	SM SP-SM	A-1 A-2	0	0	85-100	50-90	25-50	5-30	---	NP
Labkey	0-4	Gravelly Sandy Loam	SM	A-1 A-2	0	0	80-100	55-75	35-55	20-35	---	NP
	4-12	Gravelly Coarse Sandy Gravelly Sandy Loam	SM	A-1 A-2	0	0	80-100	50-70	25-45	15-30	---	NP
	12-60	Stratified Gravelly Sandy Loam To Extremely Gravelly Coarse Sand	SM SP-SM	A-1	0	0	60-80	25-45	10-25	5-15	---	NP
411:												

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
411: Granshaw	In											
	0-13	Gravelly Coarse Sandy	SM	A-1 A-2	0	0	90-100	55-75	30-50	20-35	---	NP
	13-23	Coarse Sandy Loam Sandy Loam	SM	A-2 A-4	0	0	95-100	75-100	45-65	25-45	20-25	NP-5
	23-60	Stratified Coarse Sandy Loam To Very Gravelly Coarse Sand	SM SP-SM	A-1 A-2	0	0	85-100	50-90	25-50	5-30	---	NP
Biga	0-6	Gravelly Coarse Sandy	SM	A-1 A-2	0	0-5	85-100	55-75	25-45	15-35	---	NP
	6-12	Clay Loam Sandy Clay Clay	CL SC	A-7	0	0	95-100	75-100	65-85	45-65	40-50	15-25
	12-60	Stratified Sandy Loam To Gravelly Loamy Coarse	SM	A-1 A-2	0	0-5	80-100	60-90	20-40	15-30	---	NP
Envol	0-3	Gravelly Loam	CL CL-ML SC SC-SM	A-2 A-4 A-6	0-1	0-10	70-95	55-75	45-70	30-55	25-35	5-15
	3-10	Gravelly Clay Clay	CL SC	A-7	0	0-5	70-100	55-85	50-80	40-70	40-50	15-25
	10-20	Gravelly Clay Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
412: Granshaw	0-13	Gravelly Coarse Sandy	SM	A-1 A-2	0	0	90-100	55-75	30-50	20-35	---	NP
	13-23	Coarse Sandy Loam Sandy Loam	SM	A-2 A-4	0	0	95-100	75-100	45-65	25-45	20-25	NP-5
	23-60	Stratified Coarse Sandy Loam To Very Gravelly Coarse Sand	SM SP-SM	A-1 A-2	0	0	85-100	50-90	25-50	5-30	---	NP

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
412:	In											
Jerval	0-8	Gravelly Very Fine Sandy Loam	SM	A-4	0	0-10	70-85	55-75	50-75	35-50	---	NP
	8-20	Gravelly Silty Clay Loam Gravelly Clay Loam	CL	A-6	0	0-5	65-85	60-75	55-75	50-65	35-40	15-20
	20-60	Very Gravelly Sandy Loam Very Gravelly Fine Sandy Loam	GM	A-1	0	0-10	45-60	35-50	25-45	15-25	---	NP
Dorper	0-2	Stony Very Fine Sandy	GM	A-2	1-5	5-10	50-65	45-60	40-60	25-35	15-25	NP-5
	2-7	Silt Loam Gravelly Very Fine Sandy Loam	GM ML SM	A-4	0	0	65-100	60-100	55-100	35-70	15-25	NP-5
	7-17	Clay Loam Clay Gravelly Clay Loam	CL GC	A-7	0	0	65-95	60-90	50-80	45-70	40-50	15-25
	17-60	Extremely Gravelly Sandy Loam Very Gravelly Coarse Sandy Loam	GM GP-GM	A-1	0-5	10-15	15-50	10-45	5-40	5-25	15-25	NP-5
413:												
Granshaw	0-13	Gravelly Coarse Sandy	SM	A-1 A-2	0	0	90-100	55-75	30-50	20-35	---	NP
	13-23	Coarse Sandy Loam Sandy Loam	SM	A-2 A-4	0	0	95-100	75-100	45-65	25-45	20-25	NP-5
	23-60	Stratified Coarse Sandy Loam To Very Gravelly Coarse Sand	SM SP-SM	A-1 A-2	0	0	85-100	50-90	25-50	5-30	---	NP

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
413: Kumiva	In											
	0-5	Gravelly Sandy Loam	GM SM	A-2	0-1	0-5	55-80	50-75	35-50	25-35	15-25	NP-5
	5-56	Stratified Sandy Loam To Silt Loam	ML SM	A-4	0	0-5	90-100	85-100	65-85	40-65	0-14	NP
	56-60	Loamy Sand	SM	A-2 A-4	0	0-5	90-100	85-100	50-70	30-50	0-14	NP
414: Granshaw	0-13	Gravelly Loam	SM	A-4	0	0	90-100	55-75	50-70	35-50	15-25	NP-5
	13-23	Coarse Sandy Loam Sandy Loam	SM	A-2 A-4	0	0	95-100	75-100	45-65	25-45	20-25	NP-5
	23-60	Stratified Coarse Sandy Loam To Very Gravelly Coarse Sand	SM SP-SM	A-1 A-2	0	0	85-100	50-90	25-50	5-30	---	NP
415: Granshaw	0-13	Gravelly Loam	SM	A-4	0	0	90-100	55-75	50-70	35-50	15-25	NP-5
	13-23	Coarse Sandy Loam Sandy Loam	SM	A-2 A-4	0	0	95-100	75-100	45-65	25-45	20-25	NP-5
	23-60	Stratified Coarse Sandy Loam To Very Gravelly Coarse Sand	SM SP-SM	A-1 A-2	0	0	85-100	50-90	25-50	5-30	---	NP
Biga	0-6	Gravelly Coarse Sandy	SM	A-1 A-2	0	0-5	85-100	55-75	25-45	15-35	---	NP
	6-12	Clay Loam Sandy Clay Clay	CL SC	A-7	0	0	95-100	75-100	65-85	45-65	40-50	15-25
	12-60	Stratified Sandy Loam To Gravelly Loamy Coarse	SM	A-1 A-2	0	0-5	80-100	60-90	20-40	15-30	---	NP

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
415: Puett	In											
	0-3	Coarse Sandy Loam	SM	A-1	0	0	90-100	85-95	40-50	20-30	---	NP
	3-12	Sandy Loam	ML	A-1	0	0	80-100	75-95	40-80	15-55	---	NP
		Fine Sandy Loam	SM	A-2								
		Coarse Sandy Loam		A-4								
	12-16	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
431: Grumblen	0-4	Very Gravelly Loam	GC	A-2	0	0-15	40-55	35-50	30-45	20-35	25-30	5-10
			GC-GM									
	4-8	Very Gravelly Clay Loam	GC	A-2	0	0-10	35-55	30-50	25-45	15-40	40-55	15-25
		Very Gravelly Clay	GM	A-7								
	8-18	Very Gravelly Clay Loam	GC	A-2	0	0-15	35-55	30-50	25-45	15-40	40-55	15-25
		Very Gravelly Clay	GM	A-7								
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Pickup	0-5	Very Gravelly Loam	GC	A-2	0	5-25	45-65	35-55	25-45	15-35	25-30	5-10
			GC-GM									
	5-22	Very Gravelly Clay	GC	A-2	0	10-25	50-65	35-50	30-50	25-45	45-60	20-30
				A-7								
	22-32	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
432: Grumblen	0-4	Very Gravelly Loam	GC	A-2	0	0-15	40-55	35-50	30-45	20-35	25-30	5-10
			GC-GM									
	4-8	Very Gravelly Clay	GC	A-2	0	0-10	35-55	30-50	25-45	15-40	40-55	15-25
		Very Gravelly Clay Loam	GM	A-7								
	8-18	Very Gravelly Clay Loam	GC	A-2	0	0-15	35-55	30-50	25-45	15-40	40-55	15-25
		Very Gravelly Clay	GM	A-7								
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
432: Pickup	In											
	0-5	Very Gravelly Loam	GC	A-2	0	5-25	45-65	35-55	25-45	15-35	25-30	5-10
	5-22	Very Gravelly Clay	GC-GM GC	A-2 A-7	0	10-25	50-65	35-50	30-50	25-45	45-60	20-30
	22-32	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Old Camp	0-6	Very Gravelly Loam	GC-GM GM	A-1 A-2	0-1	0-15	50-60	35-45	30-40	20-30	15-25	NP-10
	6-18	Extremely Stony Sandy Clay Loam	GC	A-2 A-6	5-50	25-50	40-55	35-50	30-45	25-40	30-40	15-25
		Very Stony Clay Loam										
	18-22	Very Cobbly Clay Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
451: Hawsley	0-5	Fine Sand	SM	A-2	0	0	100	100	75-95	15-30	---	NP
	5-60	Stratified Fine Sand To Coarse Sand	SM SP-SM	A-2 A-3	0	0	85-100	75-100	55-70	5-25	---	NP
452: Hawsley	0-5	Sand	SM SP-SM	A-2 A-3	0	0	100	90-100	75-90	5-20	---	NP
	5-60	Stratified Fine Sand To Coarse Sand	SM SP-SM	A-2 A-3	0	0	85-100	75-100	55-70	5-25	---	NP
Labkey	0-4	Gravelly Sandy Loam	SM	A-1 A-2	0	0	80-100	55-75	35-55	20-35	---	NP
	4-12	Gravelly Coarse Sandy Gravelly Sandy Loam	SM	A-1 A-2	0	0	80-100	50-70	25-45	15-30	---	NP
	12-60	Stratified Gravelly Sandy Loam To Extremely Gravelly Coarse Sand	SM SP-SM	A-1	0	0	60-80	25-45	10-25	5-15	---	NP

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
452: Genegraf	In											
	0-6	Gravelly Sandy Loam	SM	A-1	0	0-5	60-80	55-70	30-45	20-35	15-25	NP-5
	6-18	Gravelly Clay Loam Sandy Clay Loam Clay Loam	SC	A-2 A-6	0	0-5	70-90	60-85	50-70	35-50	30-40	10-20
	18-60	Very Gravelly Sandy Loam Very Gravelly Fine Sandy Loam	GM SM	A-1	0-1	0-10	45-65	35-55	25-50	10-25	0-14	NP
453: Hawsley	0-5	Sand	SM SP-SM	A-2 A-3	0	0	100	90-100	75-90	5-20	---	NP
	5-60	Stratified Coarse Sand To Fine Sand	SM SP-SM	A-2 A-3	0	0	85-100	75-100	55-70	5-25	---	NP
Bluewing	0-2	Very Stony Loamy Sand	GP-GM GW-GM	A-1	5-20	15-20	30-40	25-35	15-25	5-10	---	NP
	2-60	Stratified Extremely Gravelly Sand To Extremely Gravelly Loamy Coarse	GP-GM GW-GM	A-1	0-5	5-20	30-40	25-35	15-25	5-10	---	NP
456: Hawsley												
	0-5	Sand	SM SP-SM	A-2 A-3	0	0	100	90-100	75-90	5-20	---	NP
	5-60	Stratified Fine Sand To Coarse Sand	SM SP-SM	A-2 A-3	0	0	85-100	75-100	55-70	5-25	---	NP

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
456: Badland	In											
	0-6	Variable	CH CL MH ML	A-7	0	0	100	100	100	90-100	45-75	20-35
	6-60	Silty Clay Clay Silty Clay Loam	CH CL MH ML	A-7	0	0	100	100	100	90-100	45-75	20-35
462: Hawsley	0-5	Fine Sand	SM	A-2	0	0	100	100	75-95	15-30	---	NP
	5-60	Stratified Fine Sand To Coarse Sand	SM SP-SM	A-2 A-3	0	0	85-100	75-100	55-70	5-25	---	NP
Mazuma	0-6	Silt Loam	ML	A-4	0	0	100	100	90-100	70-80	20-25	NP-5
	6-22	Fine Sandy Loam Sandy Loam	SM	A-2 A-4	0	0	100	100	90-100	30-50	20-25	NP-5
	22-60	Stratified Silt Loam To Gravelly Coarse Sand	ML SM	A-2 A-4	0	0	75-100	70-85	50-75	25-55	20-25	NP-5
Playas	---				---	---	---	---	---	---	---	---
470:												

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
470: Deadyon	In											
	0-5	Loam	ML SM	A-4	0	0	95-100	85-100	55-80	45-65	15-25	NP-5
	5-24	Coarse Sandy Loam Sandy Loam Loam	ML SM	A-1 A-2 A-4	0	0	95-100	75-90	40-70	20-55	20-25	NP-5
	24-35	Coarse Sandy Loam Sandy Loam Loam	SM	A-1 A-2 A-4	0	0	95-100	75-90	30-70	20-50	---	NP
	35-60	Stratified Sandy Loam To Very Gravelly Coarse Sand	SM	A-1 A-2	0	0	95-100	50-75	10-60	10-30	---	NP
471: Deadyon	0-14	Loamy Sand	SM	A-2	0	0	95-100	85-100	55-70	20-35	---	NP
	14-26	Coarse Sandy Loam Sandy Loam Loam	ML SM	A-1 A-2 A-4	0	0	95-100	75-90	40-70	20-55	20-25	NP-5
	26-41	Loam Coarse Sandy Loam Sandy Loam	SM	A-1 A-2 A-4	0	0	95-100	75-90	30-70	20-50	---	NP
	41-60	Stratified Sandy Loam To Very Gravelly Coarse Sand	SM	A-1 A-2	0	0	95-100	50-75	10-60	10-30	---	NP
Granshaw	0-13	Gravelly Coarse Sandy	SM	A-1 A-2	0	0	90-100	55-75	30-50	20-35	---	NP
	13-23	Coarse Sandy Loam Sandy Loam	SM	A-2 A-4	0	0	95-100	75-100	45-65	25-45	20-25	NP-5
	23-60	Stratified Coarse Sandy Loam To Very Gravelly Coarse Sand	SM SP-SM	A-1 A-2	0	0	85-100	50-90	25-50	5-30	---	NP
472:												

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
472: Deadyon	In											
	0-5	Sandy Loam	ML SM	A-2 A-4	0	0	95-100	85-100	50-70	25-55	15-25	NP-5
	5-24	Coarse Sandy Loam Sandy Loam Loam	ML SM	A-1 A-2 A-4	0	0	95-100	75-90	40-70	20-55	20-25	NP-5
	24-35	Coarse Sandy Loam Sandy Loam Loam	SM	A-1 A-2 A-4	0	0	95-100	75-90	30-70	20-50	---	NP
	35-60	Stratified Sandy Loam To Very Gravelly Coarse Sand	SM	A-1 A-2	0	0	95-100	50-75	10-60	10-30	---	NP
480: Humboldt	0-12	Silty Clay Loam	CL	A-7	0	0	100	100	100	90-100	40-50	20-25
	12-36	Stratified Silty Clay Loam To Clay	MH	A-7	0	0	90-100	90-100	85-100	80-100	50-60	15-25
	36-60	Stratified Silt Loam To Silty Clay	CL ML	A-6 A-7	0	0	90-100	90-100	85-100	80-100	30-50	10-20
Fluvaquentic Haplaquolls	---				---	---	---	---	---	---	---	---
500: Isolde	0-4	Fine Sand	SP SP-SM SW-SM	A-3	0	0	100	100	75-90	0-10	---	NP
	4-60	Sand Fine Sand	SP SP-SM SW-SM	A-3	0	0	100	100	50-80	0-10	---	NP
Typic Torriorthents	0-5	Extremely Gravelly Sandy Loam	GM GP-GM	A-1	0	0-10	25-30	20-25	15-20	5-20	---	NP
	5-60	Variable	GP	A-1	---	---	---	---	---	---	---	---

Distribution Generation Date: 7/15/02

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
500: Dune Land	In											
	0-6	Fine Sand	SM SP	A-2 A-3	0	0	100	100	60-80	0-25	0-14	NP
	6-60	Sand Fine Sand	SP-SM SM SP SP-SM	A-2 A-3	0	0	100	100	50-80	0-25	0-14	NP
Playas	---				---	---	---	---	---	---	---	---
502: Isolde	0-4	Fine Sand	SP SP-SM SW-SM	A-3	0	0	100	100	75-90	0-10	---	NP
	4-60	Sand Fine Sand	SP SP-SM SW-SM	A-3	0	0	100	100	50-80	0-10	---	NP
Ragtown	0-7	Silt Loam	CL-ML ML	A-4	0	0	100	100	90-100	75-85	20-30	NP-10
	7-16	Stratified Sandy Clay Loam To Silty Clay Loam	CL	A-6	0	0	100	100	80-95	50-75	35-40	15-20
	16-60	Stratified Silty Clay Loam To Clay	CH CL	A-7	0	0	100	100	90-100	75-95	40-55	20-30
Playas	---				---	---	---	---	---	---	---	---
503: Isolde	0-4	Fine Sand	SP SP-SM SW-SM	A-3	0	0	100	100	75-90	0-10	---	NP
	4-60	Sand Fine Sand	SP SP-SM SW-SM	A-3	0	0	100	100	50-80	0-10	---	NP

Distribution Generation Date: 7/15/02

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Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
503:	In											
510: Juva	0-8	Loam	CL CL-ML	A-4	0	0-5	90-100	90-100	80-90	60-80	20-30	5-10
	8-60	Stratified Gravelly Sand To Silt Loam	SM	A-1 A-2	0	0-5	90-100	75-95	45-60	20-35	20-35	NP-5
550: Kumiva	0-5	Sandy Loam	SM	A-2 A-4	0	0	90-100	85-100	65-80	30-50	0-14	NP
	5-56	Stratified Sandy Loam To Silt Loam	ML SM	A-4	0	0-5	90-100	85-100	65-85	40-65	0-14	NP
	56-60	Loamy Sand	SM	A-2 A-4	0	0-5	90-100	85-100	50-70	30-50	0-14	NP
Labkey	0-4	Gravelly Sandy Loam	SM	A-1 A-2	0	0	80-100	55-75	35-55	20-35	---	NP
	4-12	Gravelly Coarse Sandy Gravelly Sandy Loam	SM	A-1 A-2	0	0	80-100	50-70	25-45	15-30	---	NP
	12-60	Stratified Gravelly Sandy Loam To Extremely Gravelly Coarse Sand	SM SP-SM	A-1	0	0	60-80	25-45	10-25	5-15	---	NP
Chuckles	0-5	Silt Loam	CL CL-ML ML	A-4	0	0	100	100	95-100	85-100	25-35	5-10
	5-19	Silt Loam	CL CL-ML ML	A-4	0	0	100	100	95-100	85-100	25-35	5-10
	19-44	Stratified Silt Loam To Silty Clay Loam	CL CL-ML	A-4 A-6	0	0	100	100	95-100	85-100	25-40	5-15
	44-60	Fine Sand	SM SP-SM	A-2 A-3	0	0	100	100	75-100	5-30	0-14	NP

Distribution Generation Date: 7/15/02

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
550:	In											
Playas	---				---	---	---	---	---	---	---	---
551: Kumiva	0-5	Silt Loam	ML	A-4	0	0	100	95-100	80-95	65-80	20-25	NP-5
	5-56	Stratified Sandy Loam To Silt Loam	ML SM	A-4	0	0-5	90-100	85-100	65-85	40-65	0-14	NP
	56-60	Loamy Sand	SM	A-2 A-4	0	0-5	90-100	85-100	50-70	30-50	0-14	NP
Kumiva	0-5	Sandy Loam	SM	A-2 A-4	0	0	90-100	85-100	65-80	30-50	0-14	NP
	5-56	Stratified Sandy Loam To Silt Loam	ML SM	A-4	0	0-5	90-100	85-100	65-85	40-65	0-14	NP
	56-60	Loamy Sand	SM	A-2 A-4	0	0-5	90-100	85-100	50-70	30-50	0-14	NP
553: Kumiva	0-5	Sandy Loam	SM	A-2 A-4	0	0	90-100	85-100	65-80	30-50	0-14	NP
	5-56	Stratified Sandy Loam To Silt Loam	ML SM	A-4	0	0-5	90-100	85-100	65-85	40-65	0-14	NP
	56-60	Loamy Sand	SM	A-2 A-4	0	0-5	90-100	85-100	50-70	30-50	0-14	NP
559: Phliss	0-3	Very Channery Loam	GC GC-GM	A-2	0-2	0-10	40-60	30-50	25-50	20-35	25-30	5-10
	3-13	Very Channery Loam Extremely Channery Clay Loam	GC	A-2	0-1	10-15	30-35	20-35	15-30	10-25	30-35	10-15
	13-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Distribution Generation Date: 7/15/02

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
559:	In											
Phliss	0-1	Extremely Channery Loam	GC	A-2	0-2	30-45	30-45	20-35	15-35	15-30	25-30	5-10
	1-10	Extremely Channery Clay Loam	GC-GM	A-2	0-1	10-15	30-35	20-35	15-30	10-25	30-35	10-15
	10-14	Very Channery Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Majuba	0-6	Very Channery Loam	GM	A-1 A-2 A-4	0-5	15-30	40-65	35-60	25-50	20-40	20-25	NP-5
	6-23	Very Channery Clay Loam	GC	A-2	0	15-25	45-60	40-50	35-50	25-40	30-35	10-15
	23-35	Very Channery Loam	GM	A-6	0	15-30	30-50	25-40	20-35	15-30	20-25	NP-5
	35-39	Extremely Channery Loam Unweathered Bedrock	---	A-1 A-2	---	---	---	---	---	---	---	---
560:												
Phliss	0-3	Extremely Channery Loam	GC	A-2	0-2	30-45	30-45	20-35	15-35	15-30	25-30	5-10
	3-13	Extremely Channery Clay Loam	GC-GM	A-2	0-1	10-15	30-35	20-35	15-30	10-25	30-35	10-15
	13-23	Very Channery Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
562:												
Sondoa	0-4	Silt Loam	CL	A-4	0	0	100	100	95-100	85-95	30-40	5-15
	4-60	Stratified Silt Loam To Silty Clay Loam	ML CL ML	A-6 A-6 A-7	0	0	100	100	95-100	85-95	35-50	10-25
563:												

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
563: Sondoa	In											
	0-4	Silt Loam	CL	A-4	0	0	100	100	95-100	85-95	30-40	5-15
			ML	A-6								
	4-60	Stratified Silt Loam To Silty Clay Loam	CL	A-6	0	0	100	100	95-100	85-95	35-50	10-25
			ML	A-7								
Isolde	0-4	Fine Sand	SP	A-3	0	0	100	100	75-90	0-10	---	NP
			SP-SM									
			SW-SM									
	4-60	Sand Fine Sand	SP	A-3	0	0	100	100	50-80	0-10	---	NP
			SP-SM									
			SW-SM									
Swingler	0-9	Silt Loam	CL	A-4	0	0	100	100	95-100	80-95	25-35	5-10
			CL-ML									
			ML									
	9-60	Very Fine Sandy Loam Silt Loam	CL	A-4	0	0	100	100	95-100	75-80	25-35	5-15
			CL-ML	A-6								
Playas	---				---	---	---	---	---	---	---	---
650: Labkey	0-4	Gravelly Sandy Loam	SM	A-1	0	0	80-100	55-75	35-55	20-35	---	NP
				A-2								
	4-12	Gravelly Sandy Loam	SM	A-1	0	0	80-100	50-70	25-45	15-30	---	NP
				A-2								
	12-60	Gravelly Coarse Sandy Stratified Gravelly Sandy Loam To Extremely Gravelly Coarse Sand	SM	A-1	0	0	60-80	25-45	10-25	5-15	---	NP
			SP-SM									
652:												

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
652: Labkey	0-4	Gravelly Sandy Loam	SM	A-1	0	0	80-100	55-75	35-55	20-35	---	NP
	4-12	Gravelly Coarse Sandy Gravelly Sandy Loam	SM	A-1 A-2	0	0	80-100	50-70	25-45	15-30	---	NP
	12-60	Stratified Gravelly Sandy Loam To Extremely Gravelly Coarse Sand	SM SP-SM	A-1	0	0	60-80	25-45	10-25	5-15	---	NP
Hawsley	0-5	Sand	SM SP-SM	A-2 A-3	0	0	100	90-100	75-90	5-20	---	NP
	5-60	Stratified Fine Sand To Coarse Sand	SM SP-SM	A-2 A-3	0	0	85-100	75-100	55-70	5-25	---	NP
Granshaw	0-13	Gravelly Coarse Sandy	SM	A-1 A-2	0	0	90-100	55-75	30-50	20-35	---	NP
	13-23	Sandy Loam Coarse Sandy Loam	SM	A-2 A-4	0	0	95-100	75-100	45-65	25-45	20-25	NP-5
	23-60	Stratified Coarse Sandy Loam To Very Gravelly Coarse Sand	SM SP-SM	A-1 A-2	0	0	85-100	50-90	25-50	5-30	---	NP
653: Labkey	0-4	Gravelly Sandy Loam	SM	A-1 A-2	0	0	80-100	55-75	35-55	20-35	---	NP
	4-12	Gravelly Coarse Sandy Gravelly Sandy Loam	SM	A-1 A-2	0	0	80-100	50-70	25-45	15-30	---	NP
	12-60	Stratified Gravelly Sandy Loam To Extremely Gravelly Coarse Sand	SM SP-SM	A-1	0	0	60-80	25-45	10-25	5-15	---	NP
Mazuma	0-6	Fine Sandy Loam	SM	A-2 A-4	0	0	95-100	85-100	70-85	30-50	20-25	NP-5
	6-60	Stratified Gravelly Coarse Sand To Silt Loam	SM	A-4	0	0	95-100	75-100	70-90	35-50	20-25	NP-5

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Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
653:	In											
700: Mazuma	0-6	Very Fine Sandy Loam	ML	A-4	0	0	95-100	85-100	70-90	50-65	20-25	NP-5
	6-60	Stratified Gravelly Coarse Sand To Silt Loam	SM	A-4	0	0	95-100	75-100	70-90	35-50	20-25	NP-5
Trocken	0-6	Gravelly Very Fine Sandy Loam	GM SM	A-2 A-4	0	0-15	65-85	60-75	50-70	30-50	20-25	NP-5
	6-60	Stratified Extremely Gravelly Loamy Coarse Sand To Very Cobbly Loam	GC GC-GM GP-GC	A-2	0	5-40	20-60	15-40	10-35	5-25	20-30	5-10
701: Mazuma	0-6	Very Fine Sandy Loam	ML	A-4	0	0	95-100	85-100	70-90	50-65	20-25	NP-5
	6-60	Stratified Gravelly Coarse Sand To Silt Loam	SM	A-4	0	0	95-100	75-100	70-90	35-50	20-25	NP-5
702: Mazuma	0-6	Silt Loam	ML	A-4	0	0	100	100	90-100	70-80	20-25	NP-5
	6-22	Fine Sandy Loam	SM	A-2	0	0	100	100	90-100	30-50	20-25	NP-5
	22-60	Sandy Loam Stratified Silt Loam To Gravelly Coarse Sand	ML SM	A-4 A-2 A-4	0	0	75-100	70-85	50-75	25-55	20-25	NP-5
Swingler	0-9	Silt Loam	CL CL-ML ML	A-4	0	0	100	100	95-100	80-95	25-35	5-10
	9-60	Very Fine Sandy Loam Silt Loam	CL CL-ML	A-4 A-6	0	0	100	100	95-100	75-80	25-35	5-15

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
702: Toulon	In											
	0-6	Very Gravelly Loam	GM SM	A-1 A-2	0	0-10	55-70	40-50	30-45	20-35	---	NP
	6-14	Very Gravelly Loam Very Gravelly Sandy Loam Very Gravelly Coarse Sandy Loam	GM	A-1 A-2	0	0-5	40-60	25-40	15-35	10-30	---	NP
	14-60	Stratified Gravelly Coarse Sand To Extremely Cobbly Coarse Sand	GP GP-GM	A-1	0-5	25-50	40-50	25-40	5-20	0-10	---	NP
Playas	---				---	---	---	---	---	---	---	---
703: Mazuma												
	0-6	Loamy Fine Sand	SM	A-2 A-4	0	0	95-100	85-100	75-95	30-50	---	NP
	6-60	Stratified Gravelly Coarse Sand To Silt Loam	SM	A-4	0	0	95-100	75-100	70-90	35-50	20-25	NP-5
Hardhat												
	0-3	Sand	SM SP-SM	A-1 A-2 A-3	0	0	95-100	90-100	45-70	5-15	0-14	NP
	3-41	Very Fine Sandy Loam Silt Loam	ML	A-4	0	0	80-100	75-100	70-95	50-80	15-25	NP-5
	41-60	Stratified Silt Loam To Gravelly Sand	SM	A-1 A-2 A-4	0	0	70-95	60-90	35-85	20-50	15-25	NP-5
Hawsley												
	0-5	Sand	SM SP-SM	A-2 A-3	0	0	100	90-100	75-90	5-20	---	NP
	5-60	Stratified Fine Sand To Coarse Sand	SM SP-SM	A-2 A-3	0	0	85-100	75-100	55-70	5-25	---	NP
Playas	---				---	---	---	---	---	---	---	---

Distribution Generation Date: 7/15/02

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticit y Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
703:	In										Pct	
704: Mazuma	0-6	Fine Sandy Loam	SM	A-2 A-4	0	0	100	100	70-90	30-50	20-25	NP-5
	6-22	Sandy Loam	SM	A-2 A-4	0	0	100	100	90-100	30-50	20-25	NP-5
	22-60	Fine Sandy Loam Stratified Silt Loam To Gravelly Coarse Sand	ML SM	A-2 A-4	0	0	75-100	70-85	50-75	25-55	20-25	NP-5
705: Mazuma	0-6	Loamy Fine Sand	SM	A-2 A-4	0	0	95-100	85-100	75-95	30-50	---	NP
	6-60	Stratified Gravelly Coarse Sand To Silt Loam	SM	A-4	0	0	95-100	75-100	70-90	35-50	20-25	NP-5
Mazuma	0-6	Fine Sandy Loam	SM	A-2 A-4	0	0	100	100	70-90	30-50	20-25	NP-5
	6-22	Sandy Loam	SM	A-2 A-4	0	0	100	100	90-100	30-50	20-25	NP-5
	22-60	Fine Sandy Loam Stratified Silt Loam To Gravelly Coarse Sand	ML SM	A-2 A-4	0	0	75-100	70-85	50-75	25-55	20-25	NP-5
Playas	---				---	---	---	---	---	---	---	---
706: Mazuma	0-6	Silt Loam	ML	A-4	0	0	100	100	90-100	70-80	20-25	NP-5
	6-22	Fine Sandy Loam	SM	A-2 A-4	0	0	100	100	90-100	30-50	20-25	NP-5
	22-60	Sandy Loam Stratified Silt Loam To Gravelly Coarse Sand	ML SM	A-2 A-4	0	0	75-100	70-85	50-75	25-55	20-25	NP-5

707:

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
707: Mazuma	In											
	0-6	Fine Sandy Loam	SM	A-2	0	0	95-100	85-100	70-85	30-50	20-25	NP-5
	6-60	Stratified Gravelly Coarse Sand To Silt Loam	SM	A-4	0	0	95-100	75-100	70-90	35-50	20-25	NP-5
Coldent	0-9	Gravelly Fine Sand	SM SP-SM	A-1 A-2 A-3	0	0	65-90	50-75	45-65	5-20	---	NP
	9-19	Stratified Loamy Sand To Fine Sandy Loam	SM	A-2 A-4	0	0	85-100	75-90	55-80	20-40	---	NP
	19-31	Stratified Gravelly Loamy Sand To Gravelly Fine Sandy Loam	SM	A-1 A-2	0	0	60-85	50-75	40-65	15-35	---	NP
	31-60	Stratified Very Gravelly Loamy Sand To Very Gravelly Coarse Sand	GM GP-GM SM SP-SM	A-1	0	0	40-65	25-50	15-30	5-15	---	NP
708: Mazuma	0-6	Silt Loam	ML	A-4	0	0	100	100	90-100	70-80	20-25	NP-5
	6-22	Sandy Loam	SM	A-2	0	0	100	100	90-100	30-50	20-25	NP-5
	22-60	Fine Sandy Loam Stratified Silt Loam To Gravelly Coarse Sand	ML SM	A-4 A-2 A-4	0	0	75-100	70-85	50-75	25-55	20-25	NP-5
Ragtown	0-7	Silty Clay Loam	CL ML	A-7	0	0	100	100	95-100	80-90	40-50	15-20
	7-16	Stratified Sandy Clay Loam To Silty Clay Loam	CL	A-6	0	0	100	100	80-95	50-75	35-40	15-20
	16-60	Stratified Silty Clay Loam To Clay	CH CL	A-7	0	0	100	100	90-100	75-95	40-55	20-30
Playas	---				---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
708:	In											
750: Pickup	0-5	Very Gravelly Loam	GC	A-2	0	5-25	45-65	35-55	25-45	15-35	25-30	5-10
	5-22	Very Gravelly Clay	GC-GM GC	A-2 A-7	0	10-25	50-65	35-50	30-50	25-45	45-60	20-30
	22-32	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
751: Pickup	0-5	Very Gravelly Loam	GC	A-2	0	5-25	45-65	35-55	25-45	15-35	25-30	5-10
	5-22	Very Gravelly Clay	GC-GM GC	A-2 A-7	0	10-25	50-65	35-50	30-50	25-45	45-60	20-30
	22-32	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Grumblen	0-4	Very Gravelly Loam	GC	A-2	0	0-15	40-55	35-50	30-45	20-35	25-30	5-10
	4-8	Very Gravelly Clay Loam	GC-GM GC	A-2	0	0-10	35-55	30-50	25-45	15-40	40-55	15-25
		Very Gravelly Clay	GM	A-7								
	8-18	Very Gravelly Clay Loam	GC	A-2	0	0-15	35-55	30-50	25-45	15-40	40-55	15-25
		Very Gravelly Clay	GM	A-7								
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
752:												

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
752: Pickup	0-5	Very Gravelly Loam	GC	A-2	0	5-25	45-65	35-55	25-45	15-35	25-30	5-10
	5-22	Very Gravelly Clay	GC-GM GC	A-2 A-7	0	10-25	50-65	35-50	30-50	25-45	45-60	20-30
	22-32	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Old Camp	0-6	Very Gravelly Loam	GC-GM GM	A-1 A-2	0-1	0-15	50-60	35-45	30-40	20-30	15-25	NP-10
	6-18	Very Cobbly Clay Loam Extremely Stony Sandy Clay Loam	GC	A-2 A-6	5-50	25-50	40-55	35-50	30-45	25-40	30-40	15-25
	18-22	Very Stony Clay Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Theon	0-3	Very Stony Loam	GC-GM SC	A-2 A-4	5-25	10-30	55-80	45-75	35-50	20-45	20-30	5-10
	3-9	Very Gravelly Clay Loam Very Gravelly Loam Very Gravelly Sandy Clay Loam	SC-SM GC	A-2	0-2	5-25	40-60	25-50	15-40	10-30	30-40	10-20
	9-12	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
753: Pickup	0-5	Very Gravelly Loam	GC	A-2	0	5-25	45-65	35-55	25-45	15-35	25-30	5-10
	5-22	Very Gravelly Clay	GC-GM GC	A-2 A-7	0	10-25	50-65	35-50	30-50	25-45	45-60	20-30
	22-32	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---

800:

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
800: Old Camp	In											
	0-6	Very Gravelly Loam	GC-GM	A-1	0-1	0-15	50-60	35-45	30-40	20-30	15-25	NP-10
	6-18	Very Cobbly Clay Loam Very Stony Clay Loam Extremely Stony Sandy Clay Loam	GM GC	A-2 A-2 A-6	5-50	25-50	40-55	35-50	30-45	25-40	30-40	15-25
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Dorper	0-2	Stony Very Fine Sandy	GM	A-2	1-5	5-10	50-65	45-60	40-60	25-35	15-25	NP-5
	2-7	Gravelly Very Fine Sandy Loam Silt Loam	GM ML SM	A-4	0	0	65-100	60-100	55-100	35-70	15-25	NP-5
	7-17	Clay Clay Loam Gravelly Clay Loam	CL GC	A-7	0	0	65-95	60-90	50-80	45-70	40-50	15-25
	17-60	Extremely Gravelly Sandy Loam Very Gravelly Coarse Sandy Loam	GM GP-GM	A-1	0-5	10-15	15-50	10-45	5-40	5-25	15-25	NP-5
Pokergap	0-6	Stony Very Fine Sandy	SM	A-4	1-5	5-10	90-100	85-95	65-80	35-50	15-20	NP-5
	6-14	Loam Gravelly Clay Loam Clay Loam	SC	A-6	0	0-5	70-90	65-85	55-75	35-50	30-35	10-15
	14-50	Stratified Gravelly Loam To Extremely Gravelly Coarse Sandy Loam	GM	A-1	0-1	0-15	35-55	30-50	20-35	10-25	20-25	NP-5
	50-60	Stratified Very Gravelly Coarse Sandy Loam To Extremely Gravelly Loamy Coarse Sand	GM GP-GM	A-1	0-1	0-25	25-40	20-35	10-20	5-15	0-14	NP

801:

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
801: Old Camp	In											
	0-6	Very Gravelly Loam	GC-GM	A-1	0-1	0-15	50-60	35-45	30-40	20-30	15-25	NP-10
	6-18	Very Cobbly Clay Loam Very Stony Clay Loam Extremely Stony Sandy Clay Loam	GM GC	A-2 A-6	5-50	25-50	40-55	35-50	30-45	25-40	30-40	15-25
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Sumya	0-4	Very Stony Clay Loam	CL GC	A-6 A-7	5-15	5-20	65-75	60-70	55-65	45-55	35-45	15-20
	4-8	Very Gravelly Clay Loam	GC	A-2	0	0-15	35-55	30-50	25-40	20-35	40-50	20-25
	8-12	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Pickup	0-5	Very Gravelly Loam	GC GC-GM	A-2	0	5-25	45-65	35-55	25-45	15-35	25-30	5-10
	5-22	Very Gravelly Clay	GC	A-2 A-7	0	10-25	50-65	35-50	30-50	25-45	45-60	20-30
	22-32	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
810: Perwaso	0-3	Silt Loam	ML	A-4	0	0	100	100	90-100	80-90	30-35	5-10
	3-36	Stratified Silt Loam To Sandy Clay Loam	ML	A-4	0	0	100	100	70-80	55-70	30-35	5-10
	36-60	Stratified Gravelly Loamy Coarse Sand To Gravelly Coarse Sand	SM	A-1	0	0	75-80	70-75	35-50	15-25	0-14	NP
Perwaso	0-3	Silt Loam	ML	A-4	0	0	100	100	90-100	80-90	30-35	5-10
	3-36	Stratified Silt Loam To Sandy Clay Loam	ML	A-4	0	0	100	100	70-80	55-70	30-35	5-10
	36-60	Stratified Gravelly Loamy Coarse Sand To Gravelly Coarse Sand	SM	A-1	0	0	75-80	70-75	35-50	15-25	0-14	NP

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
810:	In											
850: Playas	0-6	Silty Clay Loam	ML	A-6 A-7	0	0	100	100	100	90-100	35-50	10-20
	6-60	Silty Clay Loam Silty Clay Clay	CH CL MH	A-7	0	0	100	100	100	90-100	45-75	20-40
851: Pits, Mine	---				---	---	---	---	---	---	---	---
852: Puett	0-3	Coarse Sandy Loam	SM	A-1 A-2	0	0	90-100	85-95	40-50	20-30	---	NP
	3-12	Sandy Loam Fine Sandy Loam Coarse Sandy Loam	ML SM	A-1 A-2 A-4	0	0	80-100	75-95	40-80	15-55	---	NP
	12-16	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Dorper	0-2	Extremely Gravelly Very Fine Sandy Loam	GM GP-GM	A-1	0-1	0-15	20-30	15-25	10-25	5-15	15-25	NP-5
	2-7	Silt Loam Gravelly Very Fine Sandy Loam	GM ML SM	A-4	0	0	65-100	60-100	55-100	35-70	15-25	NP-5
	7-17	Gravelly Clay Loam Clay Loam Clay	CL GC	A-7	0	0	65-95	60-90	50-80	45-70	40-50	15-25
	17-60	Extremely Gravelly Sandy Loam Very Gravelly Coarse Sandy Loam	GM GP-GM	A-1	0-1	10-15	15-50	10-45	5-40	5-25	15-25	NP-5
960:												

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
960: Rednik	In											
	0-2	Very Gravelly Sandy Loam	GM	A-1	0	0-5	45-55	35-50	25-40	15-25	---	NP
	2-30	Very Gravelly Sandy Loam	GC	A-2	0-10	5-30	35-60	30-50	20-35	15-30	25-35	10-15
		Very Gravelly Sandy Clay Loam										
	30-41	Extremely Gravelly Loam	GM	A-1	0-10	5-30	35-60	30-50	15-40	10-25	---	NP
		Very Gravelly Fine Sandy Loam										
		Very Gravelly Sandy Loam										
		Extremely Gravelly Sandy Loam										
	41-60	Extremely Gravelly Loamy Coarse Sand	GM	A-1	0-10	5-30	30-60	25-60	15-30	0-15	---	NP
		Extremely Gravelly Loamy Sand	GP									
		Very Gravelly Sand	GP-GM SP-SM									
Aboten	0-7	Gravelly Silt Loam	GM	A-4	0	0-15	55-80	50-75	45-70	40-65	15-25	NP-5
	7-15	Clay Loam	ML	A-6	0	0-10	80-100	75-90	70-90	50-70	35-40	10-15
		Loam	CL									
	15-27	Cemented	---	---	---	---	---	---	---	---	---	---
	27-60	Very Gravelly Loamy Sand	GM	A-1	0	0-15	25-40	20-35	10-20	5-15	---	NP
		Extremely Gravelly Sandy Loam	GP-GM									
Jungo	0-6	Very Gravelly Loam	GC	A-2	0	0-10	40-55	35-50	25-45	20-35	25-30	5-10
			GC-GM									
	6-20	Very Gravelly Sandy Clay Loam	GC	A-2	0-10	0-10	30-55	25-50	20-40	15-35	35-40	15-20
	20-60	Very Gravelly Clay Loam	GC GP-GC	A-2	0-10	10-25	15-40	10-30	10-30	5-25	35-40	15-20
		Extremely Gravelly Sandy Clay Loam										
		Extremely Gravelly Clay Loam										

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
960:	In											
970: Say	0-8	Very Stony Loam	SM	A-4	5-10	5-25	80-100	70-90	50-70	40-50	20-25	NP-5
	8-23	Cobbly Sandy Clay Loam	SC	A-2	0-5	5-30	70-100	50-75	40-65	25-50	25-35	10-15
		Cobbly Loam		A-6								
	23-28	Gravelly Sandy Clay Loam										
		Gravelly Sandy Loam	SM	A-1	0	0-15	65-80	45-70	20-30	10-25	15-25	NP-5
		Very Gravelly Loamy Sand										
		Gravelly Coarse Sandy										
	28-32	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Eaglerock	0-5	Stony Coarse Sandy Loam	SM	A-1	1-5	5-15	75-95	65-85	35-50	20-35	---	NP
				A-2								
	5-31	Very Gravelly Sandy Loam	GC-GM	A-2	0	0-10	55-70	35-50	25-40	15-30	25-30	5-10
		Very Gravelly Sandy Clay Loam	SC									
		Very Gravelly Loam	SC-SM									
	31-60	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Ninemile	0-5	Very Gravelly Sandy Loam	SM	A-1	0	0-10	85-95	25-50	20-45	10-30	---	NP
				A-2								
	5-16	Clay	CH	A-7	0	0-5	95-100	65-100	55-95	40-80	45-65	20-35
		Gravelly Clay	CL									
			SC									
	16-20	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
980:												

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
980: Selbit	In											
	0-4	Very Gravelly Coarse Sand	SP	A-1	0-5	30-50	60-80	25-50	10-20	0-10	0-14	NP
	4-17	Very Stony Loamy Sand	SP-SM									
		Very Stony Sand	SM	A-1	15-30	10-15	60-80	45-65	15-35	0-15	0-14	NP
		Very Stony Loamy Coarse Sand	SP									
			SP-SM									
			SW-SM									
	17-60	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
981: Selbit	0-4	Very Gravelly Coarse Sand	SP	A-1	0-5	30-50	60-80	25-50	10-20	0-10	0-14	NP
	4-17	Very Stony Loamy Sand	SP-SM									
		Very Stony Sand	SM	A-1	15-30	10-15	60-80	45-65	15-35	0-15	0-14	NP
		Very Stony Loamy Coarse Sand	SP									
			SP-SM									
			SW-SM									
	17-60	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
Upsel	0-2	Gravelly Loamy Coarse	SM	A-1	0-1	5-10	90-100	55-75	30-40	10-20	0-14	NP
	2-60	Gravelly Loamy Coarse Loamy Coarse Sand	SM	A-1 A-2	0	0-10	90-100	70-100	45-55	10-25	0-14	NP

990:

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
990: Shawave	In											
	0-8	Gravelly Sandy Loam	SM	A-1 A-2	0	0	75-90	60-75	40-60	20-35	---	NP
	8-21	Sandy Clay Loam	CL	A-6	0	0	95-100	75-100	55-75	35-55	25-30	10-15
	21-37	Sandy Loam	SC									
	37-60	Coarse Sandy Loam	SM	A-2	0	0	95-100	75-100	50-70	20-40	---	NP
Granshaw		Coarse Sand	SM	A-4	0	0	95-100	75-100	45-60	10-25	---	NP
		Loamy Coarse Sand	SM	A-1	0	0	95-100	75-100	45-60	10-25	---	NP
		Sand	SM	A-2	0	0	95-100	75-100	45-60	10-25	---	NP
	0-13	Gravelly Coarse Sandy	SM	A-1 A-2	0	0	90-100	55-75	30-50	20-35	---	NP
	13-23	Coarse Sandy Loam	SM	A-2	0	0	95-100	75-100	45-65	25-45	20-25	NP-5
Labkey	23-60	Sandy Loam	SM	A-4	0	0	95-100	75-100	45-65	25-45	20-25	NP-5
		Stratified Coarse Sandy	SM	A-1	0	0	85-100	50-90	25-50	5-30	---	NP
		Loam To Very Gravelly	SP-SM	A-2								
		Coarse Sand	SP-SM									
	0-4	Gravelly Sandy Loam	SM	A-1 A-2	0	0	80-100	55-75	35-55	20-35	---	NP
991:	4-12	Gravelly Coarse Sandy	SM	A-1	0	0	80-100	50-70	25-45	15-30	---	NP
		Gravelly Sandy Loam	SM	A-2	0	0	80-100	50-70	25-45	15-30	---	NP
	12-60	Stratified Gravelly Sandy	SM	A-1	0	0	60-80	25-45	10-25	5-15	---	NP
		Loam To Extremely	SP-SM									
		Gravelly Coarse Sand	SP-SM									

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
991: Shawave	In											
	0-8	Gravelly Sandy Loam	SM	A-1	0	0	75-90	60-75	40-60	20-35	---	NP
	8-21	Loam	CL	A-2	0	0	95-100	75-100	55-75	35-55	25-30	10-15
		Sandy Clay Loam	SC	A-6								
		Sandy Loam										
	21-37	Coarse Sandy Loam	SM	A-2	0	0	95-100	75-100	50-70	20-40	---	NP
		Sandy Loam		A-4								
	37-60	Loamy Coarse Sand	SM	A-1	0	0	95-100	75-100	45-60	10-25	---	NP
		Sand		A-2								
		Coarse Sand										
Granshaw	0-13	Gravelly Coarse Sandy	SM	A-1	0	0	90-100	55-75	30-50	20-35	---	NP
				A-2								
	13-23	Sandy Loam	SM	A-2	0	0	95-100	75-100	45-65	25-45	20-25	NP-5
		Coarse Sandy Loam		A-4								
	23-60	Stratified Coarse Sandy	SM	A-1	0	0	85-100	50-90	25-50	5-30	---	NP
		Loam To Very Gravelly	SP-SM	A-2								
		Coarse Sand										
Slipback	0-9	Sandy Loam	SM	A-2	0	0	95-100	85-100	65-80	30-50	15-20	NP-5
				A-4								
	9-24	Clay Loam	CL	A-6	0	0	80-100	70-90	50-75	35-55	35-40	15-20
		Sandy Clay Loam	SC									
		Gravelly Loam										
	24-38	Gravelly Coarse Sandy	SM	A-1	0	0	80-100	70-90	35-55	10-30	0-14	NP
		Coarse Sandy Loam		A-2								
	38-60	Coarse Sand	SM	A-1	0	0	85-100	75-90	35-55	10-25	0-14	NP
		Sand		A-2								
		Loamy Coarse Sand										
Playas	---				---	---	---	---	---	---	---	---

992:

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
992: Shawave	0-8	Gravelly Sandy Loam	SM	A-1 A-2	0	0	75-90	60-75	40-60	20-35	---	NP
	8-21	Loam Sandy Clay Loam Sandy Loam	CL SC	A-6	0	0	95-100	75-100	55-75	35-55	25-30	10-15
	21-37	Coarse Sandy Loam Sandy Loam	SM	A-2 A-4	0	0	95-100	75-100	50-70	20-40	---	NP
	37-60	Coarse Sand Sand Loamy Coarse Sand	SM	A-1 A-2	0	0	95-100	75-100	45-60	10-25	---	NP
Deadyon	0-5	Loam	ML SM	A-4	0	0	95-100	85-100	55-80	45-65	15-25	NP-5
	5-24	Loam Coarse Sandy Loam Sandy Loam	ML SM	A-1 A-2 A-4	0	0	95-100	75-90	40-70	20-55	20-25	NP-5
	24-35	Loam Coarse Sandy Loam Sandy Loam	SM	A-1 A-2 A-4	0	0	95-100	75-90	30-70	20-50	---	NP
	35-60	Stratified Sandy Loam To Very Gravelly Coarse Sand	SM	A-1 A-2	0	0	95-100	50-75	10-60	10-30	---	NP
Slipback	0-9	Sandy Loam	SM	A-2 A-4	0	0	95-100	85-100	65-80	30-50	15-20	NP-5
	9-24	Sandy Clay Loam Clay Loam Gravelly Loam	CL SC	A-6	0	0	80-100	70-90	50-75	35-55	35-40	15-20
	24-38	Coarse Sandy Loam Gravelly Coarse Sandy	SM	A-1 A-2	0	0	80-100	70-90	35-55	10-30	0-14	NP
	38-60	Coarse Sand Sand Loamy Coarse Sand	SM	A-1 A-2	0	0	85-100	75-90	35-55	10-25	0-14	NP

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
993: Shawave	0-8	Gravelly Sandy Loam	SM	A-1 A-2	0	0	75-90	60-75	40-60	20-35	---	NP
	8-21	Loam Sandy Clay Loam Sandy Loam	CL SC	A-6	0	0	95-100	75-100	55-75	35-55	25-30	10-15
	21-37	Sandy Loam Coarse Sandy Loam	SM	A-2 A-4	0	0	95-100	75-100	50-70	20-40	---	NP
	37-60	Sand Coarse Sand Loamy Coarse Sand	SM	A-1 A-2	0	0	95-100	75-100	45-60	10-25	---	NP
Biga	0-6	Gravelly Loam	SM	A-2 A-4	0	0-5	85-100	55-75	35-50	30-45	20-25	NP-5
	6-12	Sandy Clay Clay Clay Loam	CL SC	A-7	0	0	95-100	75-100	65-85	45-65	40-50	15-25
	12-60	Stratified Sandy Loam To Gravelly Loamy Coarse	SM	A-1 A-2	0	0-5	80-100	60-90	20-40	15-30	---	NP
Deadyon	0-5	Loam	ML SM	A-4	0	0	95-100	85-100	55-80	45-65	15-25	NP-5
	5-24	Sandy Loam Loam Coarse Sandy Loam	ML SM	A-1 A-2 A-4	0	0	95-100	75-90	40-70	20-55	20-25	NP-5
	24-35	Loam Coarse Sandy Loam Sandy Loam	SM	A-1 A-2 A-4	0	0	95-100	75-90	30-70	20-50	---	NP
	35-60	Stratified Sandy Loam To Very Gravelly Coarse Sand	SM	A-1 A-2	0	0	95-100	50-75	10-60	10-30	---	NP
994:												

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
994: Shawave	In											
	0-8	Gravelly Sandy Loam	SM	A-1 A-2	0	0	75-90	60-75	40-60	20-35	---	NP
	8-21	Sandy Clay Loam Sandy Loam Loam	CL SC	A-6	0	0	95-100	75-100	55-75	35-55	25-30	10-15
	21-37	Coarse Sandy Loam Sandy Loam	SM	A-2 A-4	0	0	95-100	75-100	50-70	20-40	---	NP
	37-60	Coarse Sand Sand Loamy Coarse Sand	SM	A-1 A-2	0	0	95-100	75-100	45-60	10-25	---	NP
Biga	0-6	Gravelly Loam	SM	A-2 A-4	0	0-5	85-100	55-75	35-50	30-45	20-25	NP-5
	6-12	Clay Clay Loam Sandy Clay	CL SC	A-7	0	0	95-100	75-100	65-85	45-65	40-50	15-25
	12-60	Stratified Sandy Loam To Gravelly Loamy Coarse	SM	A-1 A-2	0	0-5	80-100	60-90	20-40	15-30	---	NP
Puett	0-3	Coarse Sandy Loam	SM	A-1 A-2	0	0	90-100	85-95	40-50	20-30	---	NP
	3-12	Coarse Sandy Loam Sandy Loam Fine Sandy Loam	ML SM	A-1 A-2 A-4	0	0	80-100	75-95	40-80	15-55	---	NP
	12-16	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
996: Slaw	0-10	Silt Loam	CL CL-ML ML	A-4	0	0	100	100	95-100	80-90	25-35	5-10
	10-60	Stratified Very Fine Sandy Loam To Silty Clay Loam	CL CL-ML	A-4 A-6 A-7	0	0	100	100	95-100	85-95	25-45	5-20

Distribution Generation Date: 7/15/02

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
996:	In											
Slaw	0-9	Silt Loam	CL CL-ML	A-4	0	0	100	100	95-100	80-90	15-25	5-10
	9-60	Stratified Very Fine Sandy Loam To Silty Clay	CL ML	A-6 A-7	0	0	100	100	95-100	85-95	35-45	10-20
1020: Soar	0-3	Very Gravelly Coarse Sandy Loam	SC-SM SM SP-SC SP-SM	A-1 A-2	0-2	0-10	90-95	35-50	15-35	5-20	20-30	NP-10
	3-6	Very Gravelly Loam Very Gravelly Sandy Clay Loam	SC	A-2	0-2	0-10	90-95	25-50	15-40	10-25	30-35	10-15
	6-28	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	28-38	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Arclay	0-5	Very Gravelly Coarse Sandy Loam	GM SM	A-1	0	0-10	50-65	35-50	15-30	10-20	---	NP
	5-16	Gravelly Clay Loam Gravelly Loam Gravelly Sandy Clay Loam	SC SM	A-2 A-6	0	0-5	70-90	55-75	35-55	20-40	35-40	10-15
	16-42	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	42-46	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1020: Soar	0-3	Very Gravelly Coarse Sandy Loam	SC-SM SM SP-SC SP-SM	A-1 A-2	0-2	0-10	90-95	35-50	15-35	5-20	20-30	NP-10
	3-6	Very Gravelly Sandy Clay Loam	SC	A-2	0-2	0-10	90-95	25-50	15-40	10-25	30-35	10-15
	6-28	Very Gravelly Loam										
	28-38	Weathered Bedrock Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1021: Arclay	0-5	Very Gravelly Coarse Sandy Loam	GM SM	A-1	0	0-10	50-65	35-50	15-30	10-20	---	NP
	5-16	Gravelly Loam Gravelly Sandy Clay Loam Gravelly Clay Loam	SC SM	A-2 A-6	0	0-5	70-90	55-75	35-55	20-40	35-40	10-15
	16-42	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	42-46	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Soar	0-3	Very Gravelly Coarse Sandy Loam	SC-SM SM SP-SC SP-SM	A-1 A-2	0-2	0-10	90-95	35-50	15-35	5-20	20-30	NP-10
	3-6	Very Gravelly Sandy Clay Loam	SC	A-2	0-2	0-10	90-95	25-50	15-40	10-25	30-35	10-15
	6-28	Very Gravelly Loam										
	28-38	Weathered Bedrock Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1022:												

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1022: Soar	In											
	0-3	Very Gravelly Coarse Sandy Loam	SC-SM SM SP-SC SP-SM	A-1 A-2	0-2	0-10	90-95	35-50	15-35	5-20	20-30	NP-10
	3-6	Very Gravelly Loam Very Gravelly Sandy Clay Loam	SC	A-2	0-2	0-10	90-95	25-50	15-40	10-25	30-35	10-15
	6-28 28-38	Weathered Bedrock Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Arclay	0-5	Very Gravelly Coarse Sandy Loam	GM SM	A-1	5-10	5-20	40-70	25-50	15-30	10-25	---	NP
	5-16	Gravelly Loam Gravelly Sandy Clay Loam Gravelly Clay Loam	SC SM	A-2 A-6	0	0-5	70-90	55-75	35-55	20-40	35-40	10-15
	16-42	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	42-46	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
1030: Pokergap	0-6	Very Gravelly Very Fine Sandy Loam	GM	A-1 A-2	0	0-10	40-55	35-50	25-45	15-30	15-20	NP-5
	6-14	Gravelly Clay Loam Loam Clay Loam	CL SC	A-6	0	0-5	70-90	65-85	55-75	35-55	30-35	10-15
	14-50	Stratified Gravelly Loam To Extremely Gravelly Coarse Sandy Loam	GM	A-1	0-1	0-15	35-55	30-50	20-35	10-25	20-25	NP-5
	50-60	Stratified Very Gravelly Coarse Sandy Loam To Extremely Gravelly Loamy Coarse Sand	GM GP-GM	A-1	0-1	0-25	25-40	20-35	10-20	5-15	0-14	NP

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1031: Pokergap	In											
	0-6	Very Gravelly Very Fine Sandy Loam	GM	A-1 A-2	0	0-10	40-55	35-50	25-45	15-30	15-20	NP-5
	6-14	Gravelly Clay Loam Clay Loam Loam	CL SC	A-6	0	0-5	70-90	65-85	55-75	35-55	30-35	10-15
	14-50	Stratified Gravelly Loam To Extremely Gravelly Coarse Sandy Loam	GM	A-1	0-1	0-15	35-55	30-50	20-35	10-25	20-25	NP-5
	50-60	Stratified Very Gravelly Coarse Sandy Loam To Extremely Gravelly Loamy Coarse Sand	GM GP-GM	A-1	0-1	0-25	25-40	20-35	10-20	5-15	0-14	NP
Dorper	0-2	Very Gravelly Very Fine Sandy Loam	GM	A-1 A-2	0-1	0-15	30-55	25-50	25-50	10-30	15-25	NP-5
	2-7	Silt Loam Gravelly Very Fine Sandy Loam	GM ML SM	A-4	0	0	65-100	60-100	55-100	35-70	15-25	NP-5
	7-17	Gravelly Clay Loam Clay Loam Clay	CL GC	A-7	0	0	65-95	60-90	50-80	45-70	40-50	15-25
	17-60	Very Gravelly Coarse Sandy Loam Extremely Gravelly Sandy Loam	GM GP-GM	A-1	0-1	10-15	15-50	10-45	5-40	5-25	15-25	NP-5

1032:

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth In	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
1032: Pokergap	0-6	Stony Very Fine Sandy	SM	A-4	1-5	5-10	90-100	85-95	65-80	35-50	15-20	NP-5
	6-14	Gravelly Clay Loam Clay Loam Loam	SC	A-6	0	0-5	70-90	65-85	55-75	35-50	30-35	10-15
	14-50	Stratified Gravelly Loam To Extremely Gravelly Coarse Sandy Loam	GM	A-1	0-1	0-15	35-55	30-50	20-35	10-25	20-25	NP-5
	50-60	Stratified Very Gravelly Coarse Sandy Loam To Extremely Gravelly Loamy Coarse Sand	GM GP-GM	A-1	0-1	0-25	25-40	20-35	10-20	5-15	0-14	NP
Dorper	0-2	Very Stony Very Fine Sandy Loam	GM	A-1 A-2	5-15	5-20	50-65	45-60	40-60	20-35	15-25	NP-5
	2-7	Silt Loam Gravelly Very Fine Sandy Loam	GM ML SM	A-4	0	0	65-100	60-100	55-100	35-70	15-25	NP-5
	7-17	Clay Loam Clay Gravelly Clay Loam	CL GC	A-7	0	0	65-95	60-90	50-80	45-70	40-50	15-25
	17-60	Extremely Gravelly Sandy Loam Very Gravelly Coarse Sandy Loam	GM GP-GM	A-1	0-5	10-15	15-50	10-45	5-40	5-25	15-25	NP-5
1033:												

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1033: Pokergap	In											
	0-6	Silt Loam	CL CL-ML	A-4	0	0-5	90-100	85-100	75-95	50-70	20-25	5-10
	6-14	Loam Gravelly Clay Loam Clay Loam	CL SC	A-6	0	0-5	70-90	65-85	55-75	35-55	30-35	10-15
	14-50	Stratified Gravelly Loam To Extremely Gravelly Coarse Sandy Loam	GM	A-1	0-1	0-15	35-55	30-50	20-35	10-25	20-25	NP-5
	50-60	Stratified Very Gravelly Coarse Sandy Loam To Extremely Gravelly Loamy Coarse Sand	GM GP-GM	A-1	0-1	0-25	25-40	20-35	10-20	5-15	0-14	NP
Jerval	0-8	Gravelly Very Fine Sandy Loam	SM	A-4	0	0-10	70-85	55-75	50-75	35-50	---	NP
	8-20	Gravelly Clay Loam Gravelly Silty Clay Loam	CL	A-6	0	0-5	65-85	60-75	55-75	50-65	35-40	15-20
	20-60	Very Gravelly Sandy Loam Very Gravelly Fine Sandy Loam	GM	A-1	0	0-10	45-60	35-50	25-45	15-25	---	NP
Dorper	0-2	Stony Very Fine Sandy	GM	A-2	1-5	5-10	50-65	45-60	40-60	25-35	15-25	NP-5
	2-7	Gravelly Very Fine Sandy Loam Silt Loam	GM ML SM	A-4	0	0	65-100	60-100	55-100	35-70	15-25	NP-5
	7-17	Gravelly Clay Loam Clay Loam Clay	CL GC	A-7	0	0	65-95	60-90	50-80	45-70	40-50	15-25
	17-60	Extremely Gravelly Sandy Loam Very Gravelly Coarse Sandy Loam	GM GP-GM	A-1	0-5	10-15	15-50	10-45	5-40	5-25	15-25	NP-5

1034:

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1034: Pokergap	In											
	0-6	Stony Very Fine Sandy	SM	A-4	1-5	5-10	90-100	85-95	65-80	35-50	15-20	NP-5
	6-14	Gravelly Clay Loam Clay Loam Loam	SC	A-6	0	0-5	70-90	65-85	55-75	35-50	30-35	10-15
	14-50	Stratified Gravelly Loam To Extremely Gravelly Coarse Sandy Loam	GM	A-1	0-1	0-15	35-55	30-50	20-35	10-25	20-25	NP-5
	50-60	Stratified Very Gravelly Coarse Sandy Loam To Extremely Gravelly Loamy Coarse Sand	GM GP-GM	A-1	0-1	0-25	25-40	20-35	10-20	5-15	0-14	NP
1035: Pokergap	0-6	Silt Loam	CL	A-4	0	0-5	90-100	85-100	75-95	50-70	20-25	5-10
	6-14	Loam Gravelly Clay Loam Clay Loam	CL-ML CL SC	A-6	0	0-5	70-90	65-85	55-75	35-55	30-35	10-15
	14-50	Stratified Gravelly Loam To Extremely Gravelly Coarse Sandy Loam	GM	A-1	0-1	0-15	35-55	30-50	20-35	10-25	20-25	NP-5
	50-60	Stratified Very Gravelly Coarse Sandy Loam To Extremely Gravelly Loamy Coarse Sand	GM GP-GM	A-1	0-1	0-25	25-40	20-35	10-20	5-15	0-14	NP
Jerval	0-8	Gravelly Very Fine Sandy Loam	SM	A-4	0	0-10	70-85	55-75	50-75	35-50	---	NP
	8-20	Gravelly Silty Clay Loam Gravelly Clay Loam	CL	A-6	0	0-5	65-85	60-75	55-75	50-65	35-40	15-20
	20-60	Very Gravelly Fine Sandy Loam Very Gravelly Sandy Loam	GM	A-1	0	0-10	45-60	35-50	25-45	15-25	---	NP
1040:												

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1040: Sojur	In											
	0-4	Extremely Channery Silt Loam	GC GC-GM	A-2	0	15-30	40-50	20-30	15-25	10-20	25-30	5-10
	4-8	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1041: Sojur	0-4	Extremely Channery Silt Loam	GC GC-GM	A-2	0	15-30	40-50	20-30	15-25	10-20	25-30	5-10
	4-8	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Boomstick	0-5	Very Channery Silt Loam	GC GC-GM	A-2 A-4	0-5	0-10	45-65	35-55	30-55	25-50	25-30	5-10
	5-16	Very Channery Clay Loam Extremely Channery Loam Extremely Channery Clay Loam	GC GM	A-2 A-6	0-5	25-40	35-65	25-55	20-45	15-40	35-40	10-15
	16-20	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rubble Land	0-60	Fragmental Material	GP GW	A-1	30-65	30-65	0-10	0-5	0-5	0	0-14	NP
1042: Sojur	0-4	Extremely Channery Silt Loam	GC GC-GM	A-2	0	15-30	40-50	20-30	15-25	10-20	25-30	5-10
	4-8	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Phliss	0-3	Extremely Channery Loam	GC GC-GM	A-2	0-2	30-45	30-45	20-35	15-35	15-30	25-30	5-10
	3-13	Extremely Channery Clay Loam Very Channery Loam	GC	A-2	0-1	10-15	30-35	20-35	15-30	10-25	30-35	10-15
	13-23	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1050:												

Distribution Generation Date: 7/15/02

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1050: Theon	In											
	0-3	Very Cobbly Loam	GC-GM GM SC-SM SM GC	A-2 A-4	0-5	30-55	55-75	50-70	40-60	30-45	20-30	NP-10
	3-9	Very Gravelly Loam Very Gravelly Sandy Clay Loam Very Gravelly Clay Loam	GC	A-2	0	0-15	40-60	30-50	25-40	20-30	30-40	10-20
	9-12	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Singatse	0-4	Extremely Cobbly Loam	GM	A-1 A-2	5-25	20-30	30-40	25-35	20-30	15-30	20-25	NP-5
	4-8	Very Gravelly Loam Very Gravelly Sandy Loam	GM	A-1 A-2	0-5	0-10	35-55	30-50	20-45	10-35	15-25	NP-5
	8-10	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	10-14	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1051: Theon	0-3	Very Gravelly Loam	GC-GM GM	A-1 A-2	0-1	5-10	40-60	30-50	20-45	15-35	20-30	NP-10
	3-9	Very Gravelly Sandy Clay Loam Very Gravelly Clay Loam Very Gravelly Loam	GC	A-2	0-2	5-15	40-60	30-50	25-40	15-30	30-40	10-20
	9-12	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Singatse	0-4	Very Gravelly Loam	SM	A-2	0	0-10	70-80	45-55	35-45	25-35	15-25	NP-5
	4-8	Very Gravelly Loam Very Gravelly Sandy Loam	SM	A-1 A-2	0	0-10	60-70	30-50	20-30	10-30	15-25	NP-5
	8-10	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	10-14	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1052:												

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1052: Theon	In											
	0-3	Very Cobbly Loam	GC-GM GM SC-SM SM GC	A-2 A-4	0-5	30-55	55-75	50-70	40-60	30-45	20-30	NP-10
	3-9	Very Gravelly Clay Loam Very Gravelly Sandy Clay Loam Very Gravelly Loam	GC	A-2	0	0-15	40-60	30-50	25-40	20-30	30-40	10-20
	9-12	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Grumblen	0-4	Very Gravelly Loam	GC GC-GM	A-2	0	0-15	40-55	35-50	30-45	20-35	25-30	5-10
	4-8	Very Gravelly Clay Loam Very Gravelly Clay	GC GM	A-2 A-7	0	0-10	35-55	30-50	25-45	15-40	40-55	15-25
	8-18	Very Gravelly Clay Loam Very Gravelly Clay	GC GM	A-2 A-7	0	0-15	35-55	30-50	25-45	15-40	40-55	15-25
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rubble Land	0-60	Fragmental Material	GP GW	A-1	30-65	30-65	0-10	0-5	0-5	0	0-14	NP
1053: Theon	0-3	Very Cobbly Loam	GC-GM GM SC-SM SM GC	A-2 A-4	0-5	30-55	55-75	50-70	40-60	30-45	20-30	NP-10
	3-9	Very Gravelly Clay Loam Very Gravelly Loam Very Gravelly Sandy Clay Loam	GC	A-2	0	0-15	40-60	30-50	25-40	20-30	30-40	10-20
	9-12	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---

Distribution Generation Date: 7/15/02

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1053:	In											
1054: Theon	0-3	Very Gravelly Loam	GC-GM	A-1	0-1	5-10	40-60	30-50	20-45	15-35	20-30	NP-10
	3-9	Very Gravelly Sandy Clay Loam	GM	A-2	0-2	5-15	40-60	30-50	25-40	15-30	30-40	10-20
	9-12	Very Gravelly Loam Very Gravelly Clay Loam Unweathered Bedrock	GC	A-2	---	---	---	---	---	---	---	---
Old Camp	0-6	Very Gravelly Loam	GC-GM	A-1	0-1	0-15	50-60	35-45	30-40	20-30	15-25	NP-10
	6-18	Very Cobbly Clay Loam Very Stony Clay Loam Extremely Stony Sandy Clay Loam	GM GC	A-2 A-6	5-50	25-50	40-55	35-50	30-45	25-40	30-40	15-25
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1055: Theon	0-3	Very Cobbly Loam	GC-GM	A-2	0-5	30-55	55-75	50-70	40-60	30-45	20-30	NP-10
	3-9	Very Gravelly Loam Very Gravelly Sandy Clay Loam	GM SC-SM SM GC	A-4 A-2	0	0-15	40-60	30-50	25-40	20-30	30-40	10-20
	9-12	Very Gravelly Clay Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1055: Old Camp	In											
	0-6	Very Gravelly Loam	GC-GM	A-1	0-1	0-15	50-60	35-45	30-40	20-30	15-25	NP-10
	6-18	Very Cobbly Clay Loam Very Stony Clay Loam Extremely Stony Sandy Clay Loam	GM GC	A-2 A-2 A-6	5-50	25-50	40-55	35-50	30-45	25-40	30-40	15-25
	18-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1056: Theon	0-3	Very Cobbly Loam	GC-GM GM SC-SM SM GC	A-2 A-4	0-5	30-55	55-75	50-70	40-60	30-45	20-30	NP-10
	3-9	Very Gravelly Loam Very Gravelly Sandy Clay Loam Very Gravelly Clay Loam	GC	A-2	0	0-15	40-60	30-50	25-40	20-30	30-40	10-20
	9-12	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Pickup	0-5	Very Gravelly Loam	GC GC-GM	A-2	0	5-25	45-65	35-55	25-45	15-35	25-30	5-10
	5-22	Very Gravelly Clay	GC	A-2 A-7	0	10-25	50-65	35-50	30-50	25-45	45-60	20-30
	22-32	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1080:												

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
1080: Appian	0-5	Loamy Coarse Sand	SM	A-1	0	0	85-100	75-100	30-55	15-30	---	NP
	5-15	Clay Loam	CL	A-6	0	0	95-100	90-100	75-90	40-60	35-45	15-20
		Sandy Clay Loam	SC	A-7								
	15-28	Stratified Sand To Sandy Loam	SM	A-2	0	0	75-100	75-90	50-65	10-25	---	NP
	28-53	Sand Coarse Sand	SP SP-SM	A-1	0	0	85-100	75-90	30-50	0-10	---	NP
	53-60	Silt Loam	SW-SM CL CL-ML ML	A-4	0	0	100	100	95-100	85-95	20-35	5-10
Toulon	0-6	Very Gravelly Fine Sandy Loam	GM SM	A-1 A-2	0	0-10	55-70	40-50	30-45	20-35	---	NP
	6-14	Very Gravelly Coarse Sandy Loam	GM	A-1 A-2	0	0-5	40-60	25-40	15-35	10-30	---	NP
		Very Gravelly Loam										
	14-60	Very Gravelly Sandy Loam Stratified Gravelly Coarse Sand To Extremely Cobbly Coarse Sand	GP GP-GM	A-1	0-5	25-50	40-50	25-40	5-20	0-10	---	NP
Bluewing	0-2	Very Gravelly Loamy Sand	SP-SM	A-1	0	10-25	70-85	35-45	15-30	5-10	---	NP
	2-60	Stratified Very Gravelly Sand To Extremely Gravelly Loamy Coarse Sand	GP GP-GM	A-1	0-5	0-25	40-50	20-35	10-15	0-10	---	NP
1100: Unionville	0-5	Coarse Sandy Loam	SM	A-1 A-2	0	0	90-100	75-90	30-40	15-30	---	NP
	5-23	Coarse Sandy Loam Sandy Loam	SM	A-1 A-2	0	0	90-100	75-90	30-60	15-30	---	NP
	23-27	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Distribution Generation Date: 7/15/02

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1100:												
Rock Outcrop	---				---	---	---	---	---	---	---	---
1150:												
Slocave	0-1	Very Gravelly Coarse Sandy Loam	SM	A-1	0-2	0-10	70-85	30-50	15-30	10-20	15-20	NP-5
	1-7	Very Gravelly Coarse Sandy Loam	SM	A-1	0	0	75-90	25-50	15-35	10-25	15-25	NP-5
	7-27	Very Gravelly Sandy Loam Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	27-37	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Arclay	0-5	Very Gravelly Coarse Sandy Loam	GM SM	A-1	0	0-10	50-65	35-50	15-30	10-20	---	NP
	5-16	Gravelly Clay Loam Gravelly Loam	SC SM	A-2 A-6	0	0-5	70-90	55-75	35-55	20-40	35-40	10-15
	16-42	Gravelly Sandy Clay Loam Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	42-46	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
1151:												
Slocave	0-1	Very Gravelly Coarse Sandy Loam	SM	A-1	0-2	0-10	70-85	30-50	15-30	10-20	15-20	NP-5
	1-7	Very Gravelly Coarse Sandy Loam	SM	A-1	0	0	75-90	25-50	15-35	10-25	15-25	NP-5
	7-27	Very Gravelly Sandy Loam Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	27-37	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1151: Vium	In											
	0-3	Gravelly Coarse Sandy	SM	A-1	0	0-10	85-100	55-70	30-50	15-35	---	NP
	3-8	Very Gravelly Sandy Loam Very Gravelly Coarse Sandy Loam	SM	A-2 A-1	0	0	60-90	25-45	15-30	10-25	20-25	NP-5
	8-12	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1190: Woolsey	0-8	Fine Sandy Loam	SM	A-4	0	0	80-100	75-100	60-75	40-50	---	NP
	8-12	Gravelly Sandy Loam	GC-GM GM SC-SM	A-2	0	0	55-90	50-75	40-50	25-35	20-30	NP-10
	12-60	Stratified Sandy Loam To Very Gravelly Sandy Loam	SM GM ML SM	A-2 A-4	0	0	55-90	50-85	40-70	30-55	---	NP
Bluewing	0-5	Gravelly Sandy Loam	SM	A-1 A-2	0	0-10	60-80	55-75	30-60	20-35	---	NP
	5-60	Stratified Very Gravelly Sand To Extremely Gravelly Loamy Coarse Sand	GP-GM GW-GM	A-1	0	5-25	30-40	25-35	15-25	5-10	---	NP
1200: Acrelane	0-6	Very Gravelly Coarse Sandy Loam	SM	A-1	0	0-5	60-80	30-45	15-30	10-20	---	NP
	6-15	Very Gravelly Sandy Loam Very Gravelly Coarse Sandy Loam Very Gravelly Sandy Clay Loam	SC SC-SM	A-2	0	0-10	60-80	30-50	25-40	15-30	20-30	5-15
	15-60	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1200: Soar	In											
	0-3	Very Gravelly Coarse Sandy Loam	SC-SM SM SP-SC SP-SM	A-1 A-2	0-2	0-10	90-95	35-50	15-35	5-20	20-30	NP-10
	3-6	Very Gravelly Sandy Clay Loam	SC	A-2	0-2	0-10	90-95	25-50	15-40	10-25	30-35	10-15
	6-28	Very Gravelly Loam Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	28-38	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Arclay	0-5	Very Gravelly Coarse Sandy Loam	GM SM	A-1	0	0-10	50-65	35-50	15-30	10-20	---	NP
	5-16	Gravelly Clay Loam Gravelly Loam Gravelly Sandy Clay Loam	SC SM	A-2 A-6	0	0-5	70-90	55-75	35-55	20-40	35-40	10-15
	16-42	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	42-46	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1201: Acrelane	0-6	Very Gravelly Coarse Sandy Loam	SM	A-1	0	0-5	60-80	30-45	15-30	10-20	---	NP
	6-15	Very Gravelly Sandy Clay Loam Very Gravelly Coarse Sandy Loam Very Gravelly Sandy Loam	SC SC-SM	A-2	0	0-10	60-80	30-50	25-40	15-30	20-30	5-15
	15-60	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Wedekind	0-5	Gravelly Sandy Loam	SM	A-1	0	0-5	75-85	50-65	30-45	15-25	15-25	NP-5
	5-18	Sandy Clay Loam Clay Loam Gravelly Sandy Clay Loam	SC	A-2 A-6	0	0-5	80-90	55-90	45-70	20-50	30-40	10-20
	18-60	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1201:	In											
Arclay	0-5	Very Gravelly Coarse Sandy Loam	GM SM	A-1	0	0-10	50-65	35-50	15-30	10-20	---	NP
	5-16	Gravelly Sandy Clay Loam Gravelly Clay Loam Gravelly Loam	SC SM	A-2 A-6	0	0-5	70-90	55-75	35-55	20-40	35-40	10-15
	16-42	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	42-46	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1202:												
Acrelane	0-6	Very Bouldery Coarse Sandy Loam	SM	A-1	5-20	0-25	90-100	60-75	30-45	10-20	---	NP
	6-15	Very Gravelly Coarse Sandy Loam Very Gravelly Sandy Loam Very Gravelly Sandy Clay Loam	SC SC-SM	A-2	0	0-10	60-80	30-50	25-40	15-30	20-30	5-15
	15-19	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	---				---	---	---	---	---	---	---	---
Rock Outcrop	---											
1203:												
Acrelane	0-6	Very Gravelly Coarse Sandy Loam	SM	A-1	0	0-5	60-80	30-45	15-30	10-20	---	NP
	6-15	Very Gravelly Sandy Loam Very Gravelly Sandy Clay Loam Very Gravelly Coarse Sandy Loam	SC SC-SM	A-2	0	0-10	60-80	30-50	25-40	15-30	20-30	5-15
	15-60	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1203: Shawave	In											
	0-8	Gravelly Sandy Loam	SM	A-1 A-2	0	0	75-90	60-75	40-60	20-35	---	NP
	8-21	Sandy Loam Loam	CL SC	A-6	0	0	95-100	75-100	55-75	35-55	25-30	10-15
	21-37	Sandy Clay Loam Sandy Loam	SM	A-2 A-4	0	0	95-100	75-100	50-70	20-40	---	NP
	37-60	Coarse Sandy Loam Coarse Sand Loamy Coarse Sand Sand	SM	A-1 A-2	0	0	95-100	75-100	45-60	10-25	---	NP
Granshaw	0-13	Gravelly Coarse Sandy	SM	A-1 A-2	0	0	90-100	55-75	30-50	20-35	---	NP
	13-23	Sandy Loam Coarse Sandy Loam	SM	A-2 A-4	0	0	95-100	75-100	45-65	25-45	20-25	NP-5
	23-60	Stratified Coarse Sandy Loam To Very Gravelly Coarse Sand	SM SP-SM	A-1 A-2	0	0	85-100	50-90	25-50	5-30	---	NP
1204: Acrelane	0-6	Very Gravelly Coarse Sandy Loam	SM	A-1	0	0-5	60-80	30-45	15-30	10-20	---	NP
	6-15	Very Gravelly Sandy Clay Loam Very Gravelly Sandy Loam Very Gravelly Coarse Sandy Loam	SC SC-SM	A-2	0	0-10	60-80	30-50	25-40	15-30	20-30	5-15
	15-60	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1204: Arclay	In											
	0-5	Very Gravelly Coarse Sandy Loam	GM SM	A-1	0	0-10	50-65	35-50	15-30	10-20	---	NP
	5-16	Gravelly Sandy Clay Loam Gravelly Loam Gravelly Clay Loam	SC SM	A-2 A-6	0	0-5	70-90	55-75	35-55	20-40	35-40	10-15
	16-42 42-46	Weathered Bedrock Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Eaglerock	0-5	Gravelly Coarse Sandy	SM	A-1 A-2	5-10	5-10	80-90	55-75	25-45	15-30	---	NP
	5-31	Very Gravelly Sandy Clay Loam Very Gravelly Loam Very Gravelly Sandy Loam	GC-GM SC SC-SM	A-2	0	0-10	55-70	35-50	25-40	15-30	25-30	5-10
	31-60	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
1205: Acrelane	0-6	Very Gravelly Coarse Sandy Loam	SM	A-1	0	0-5	60-80	30-45	15-30	10-20	---	NP
	6-15	Very Gravelly Coarse Sandy Loam Very Gravelly Sandy Clay Loam Very Gravelly Sandy Loam	SC SC-SM	A-2	0	0-10	60-80	30-50	25-40	15-30	20-30	5-15
	15-60	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Acrelane	0-6	Very Gravelly Coarse Sandy Loam	SM	A-1	0	0-5	60-80	30-45	15-30	10-20	---	NP
	6-15	Very Gravelly Sandy Loam Very Gravelly Sandy Clay Loam Very Gravelly Coarse Sandy Loam	SC SC-SM	A-2	0	0-10	60-80	30-50	25-40	15-30	20-30	5-15
	15-60	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1205:	In										Pct	
1210: Wesfil	0-4	Very Channery Loam	GC GC-GM	A-2	0	10-25	50-65	35-50	25-45	20-35	20-25	5-10
	4-13	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	13-17	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Sojur	0-4	Extremely Channery Silt Loam	GC GC-GM	A-2	0	15-30	40-50	20-30	15-25	10-20	25-30	5-10
	4-8	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
1300: Yipor	0-10	Silt Loam	ML	A-4	0	0	100	100	95-100	85-100	20-30	NP-5
	10-34	Very Fine Sandy Loam	ML	A-4	0	0	100	100	95-100	75-100	20-30	NP-5
	34-60	Silt Loam	ML	A-4	0	0	100	100	95-100	75-100	20-30	NP-5
		Very Fine Sandy Loam										
1400: Jerval	0-8	Gravelly Very Fine Sandy Loam	SM	A-4	0	0-10	70-85	55-75	50-75	35-50	---	NP
	8-20	Gravelly Silty Clay Loam	CL	A-6	0	0-5	65-85	60-75	55-75	50-65	35-40	15-20
	20-60	Gravelly Clay Loam	GM	A-1	0	0-10	45-60	35-50	25-45	15-25	---	NP
		Very Gravelly Fine Sandy Loam										
		Very Gravelly Sandy Loam										

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
1400: Dorper	In											
	0-2	Stony Very Fine Sandy	GM	A-2	1-5	5-10	50-65	45-60	40-60	25-35	15-25	NP-5
	2-7	Silt Loam	GM	A-4	0	0	65-100	60-100	55-100	35-70	15-25	NP-5
		Gravelly Very Fine Sandy Loam	ML SM									
	7-17	Gravelly Clay Loam Clay Clay Loam	CL GC	A-7	0	0	65-95	60-90	50-80	45-70	40-50	15-25
	17-60	Very Gravelly Coarse Sandy Loam Extremely Gravelly Sandy Loam	GM GP-GM	A-1	0-5	10-15	15-50	10-45	5-40	5-25	15-25	NP-5
1401: Jerval	0-8	Gravelly Very Fine Sandy Loam	SM	A-4	0	0-10	70-85	55-75	50-75	35-50	---	NP
	8-20	Gravelly Clay Loam Gravelly Silty Clay Loam	CL	A-6	0	0-5	65-85	60-75	55-75	50-65	35-40	15-20
	20-60	Very Gravelly Fine Sandy Loam Very Gravelly Sandy Loam	GM	A-1	0	0-10	45-60	35-50	25-45	15-25	---	NP
Aboten	0-7	Gravelly Silt Loam	GM ML	A-4	0	0-15	55-80	50-75	45-70	40-65	15-25	NP-5
	7-15	Clay Loam Loam	CL ML	A-6	0	0-10	80-100	75-90	70-90	50-70	35-40	10-15
	15-27	Cemented	---	---	---	---	---	---	---	---	---	---
	27-60	Very Gravelly Loamy Sand Extremely Gravelly Sandy Loam	GM GP-GM	A-1	0	0-15	25-40	20-35	10-20	5-15	---	NP

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1401: Dorper	In											
	0-2	Extremely Gravelly Very Fine Sandy Loam	GM GP-GM	A-1	0-1	0-15	20-30	15-25	10-25	5-15	15-25	NP-5
	2-7	Silt Loam Gravelly Very Fine Sandy Loam	GM ML SM	A-4	0	0	65-100	60-100	55-100	35-70	15-25	NP-5
	7-17	Clay Loam Gravelly Clay Loam Clay	CL GC	A-7	0	0	65-95	60-90	50-80	45-70	40-50	15-25
	17-60	Very Gravelly Coarse Sandy Loam Extremely Gravelly Sandy Loam	GM GP-GM	A-1	0-1	10-15	15-50	10-45	5-40	5-25	15-25	NP-5
1410: Slipback	0-9	Sandy Loam	SM	A-2 A-4	0	0	95-100	85-100	65-80	30-50	15-20	NP-5
	9-24	Sandy Clay Loam Clay Loam Gravelly Loam	CL SC	A-6	0	0	80-100	70-90	50-75	35-55	35-40	15-20
	24-38	Gravelly Coarse Sandy Coarse Sandy Loam	SM	A-1 A-2	0	0	80-100	70-90	35-55	10-30	0-14	NP
	38-60	Loamy Coarse Sand Sand Coarse Sand	SM	A-1 A-2	0	0	85-100	75-90	35-55	10-25	0-14	NP

Table H. - Engineering Index Properties - Continued

Pershing County, Nevada, West Part

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
1410: Shawave	In											
	0-8	Gravelly Sandy Loam	SM	A-1 A-2	0	0	75-90	60-75	40-60	20-35	---	NP
	8-21	Sandy Clay Loam Loam	CL SC	A-6	0	0	95-100	75-100	55-75	35-55	25-30	10-15
	21-37	Sandy Loam Coarse Sandy Loam	SM	A-2 A-4	0	0	95-100	75-100	50-70	20-40	---	NP
	37-60	Sandy Loam Loamy Coarse Sand Coarse Sand Sand	SM	A-1 A-2	0	0	95-100	75-100	45-60	10-25	---	NP
Nodur	0-4	Sandy Loam	SM	A-2 A-4	0	0-5	95-100	85-100	60-75	30-50	---	NP
	4-16	Clay Loam Sandy Clay Clay	CH CL	A-7	0	0	95-100	85-100	65-85	50-70	45-55	20-30
	16-60	Gravelly Sandy Loam Gravelly Coarse Sandy Sandy Loam	SM	A-1 A-2	0	0-5	70-95	60-85	40-60	15-30	---	NP
1610: Lovelock	0-15	Silt Loam	OH OL	A-5 A-7 A-8	0	0	100	100	100	95-100	40-60	5-20
	15-60	Stratified Clay To Silt Loam	CH MH	A-7	0	0	100	100	100	95-100	55-75	25-45
Playas	---				---	---	---	---	---	---	---	---
W: Water	---				---	---	---	---	---	---	---	---